Digitized by the Internet Archive
in 2013

http://archive.org/details/climatologicalda8485unit_3

JANUARY 1979 VOLUME 84 NUMBER 1

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	MT CARMEL	49	DATE 01
LOWEST TEMPERATURE:	3 STATIONS	-29	DATE 12+
GREATEST TOTAL PRECIPITATION:	CENTRALIA	5.37	
LEAST TOTAL PRECIPITATION:	JACKSONVILLE 2 E	0 1.49	
GREATEST 1 DAY PRECIPITATION:	CHESTER	1.80	DATE 01
GREATEST TOTAL SNOWFALL:	MC HENRY LOCK AND DAM	52.8	
GREATEST DEPTH OF SNOW OR ICE:	GEBHARD WOODS ST PARK	41	DATE 31

CLEMSON UNIVERSITY LIBRARY
APR 17 1979
SCI., TECH. & AGR. DIV.

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT, STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	26	NW	24	-	-	-	-	4	5	9	1	0	0	19	41	-
CHICAGO O HARE WSO AP	27	5.7	11.4	32++	34	13	74	74	68	73	5	7	6	1	1	0	20	-	7.3
CHICAGO MIDWAY WSO AP	27	5.4	10.4	30	NW	14	77	77	71	74	6	7	6	1	1	0	21	40	7.1
MOLINE WSO AP	28	5.2	10.4	26	NW	13	71	72	65	67	8	8	5	0	1	0	22	34	7.0
PEORIA WSO AP	28	4.1	10.6	26	NW	24+	74	75	68	72	5	10	5	0	1	0	21	51	7.4
ROCKFORD WSO AP	29	4.2	9.8	29++	35	13	78	80	72	74	10	7	3	2	0	0	22	-	6.8
SPRINGFIELD WSO AP	28	4.3	11.4	33	NW	24	74	73	68	69	9	7	5	1	0	0	22	40	7.4

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
NORTHWEST 01																							
ALEDO	17.5M	3.2M	10.4M	-12.5	35	20+	-16	15	1657	0	29	31		1.54	.02			26.9					0
DIXON	16.4	- 2.9	6.8	-15.2	33	20	-20	15	1804	0	30	31	19	3.69	2.13	1.07	14	46.5	33	19+	5	3	1
FREEPORT WASTE WTR PLT	16.6	- 3.1	6.8		33	20+	-26	11	1803	0	29	31	19	2.37		.63	1	35.6	33	19	5	2	0
FULTON DAM 13	17.5	- 4.0	6.8	-15.0	35	20	-23	15	1803	0	30	31	19	2.00	.54	.35	14+	28.5	30	17+	7	0	0
GALVA	16.1	- 1.4	7.4	-15.7	34	20	-18	15+	1785	0	30	31	21	3.52	1.94	.90	14	33.5	30	16+	5	3	0
GENESEO	16.7	.5	8.6		35	19	-18	15	1745	0	29	31	17	2.18	.63	1.37	13	20.9	29	18+	4	1	1
HENNEPIN POWER PLANT	18.6M	- 3.1	7.8M		33	21+	-24	11	1794	0	29	31	19			.98	13		30	31		1	0
KEWANEE 1 E																							
MOLINE WSO AP R	16.0	- 3.5	6.3	-15.2	36	19	-27	2	1820	0	29	31	21	2.72	1.06	1.47	13	26.7	28	19+	6	1	1
MORRISON	16.8	- 4.6	6.1	-15.8	35	20	-26	11	1823	0	30	31	20	2.24	.60	.54	14	32.5	34	26+	5	2	0
MOUNT CARROLL	15.6	- 7.8	3.9	-17.0	33	20	-29	11	1892	0	30	31	21	2.89	1.24	.86	14	34.3	31	28	5	3	0
PAW PAW	16.3	- 3.4	6.5		33	20	-25	11	1810	0	30	31	20	3.43	1.67	1.00	24	31.5	29	19	8	3	1
ROCHELLE	16.8	- 8.2M	4.3M		33	21+	-26	15	1903	0	29	31	19	2.48		.60	12	34.6	34	17+	6	2	0
ROCKFORD WSO AP //R	16.7	- 1.3	7.7	-12.5	35	20+	-24	15+	1771	0	29	31	19	2.43	.64	.86	13	26.1	27	16	5	2	0
STOCKTON 1 N	14.7M	- 5.7	4.5M		31	20	-25	11	1865	0	31	31	20			.58	24+					4	0
TISKILWA 2 SE	18.1	2.0	10.1		34	20+	-22	11	1701	0	29	31	14	2.25	.60	1.27	13	29.9	32	14	7	1	1
WALNUT	16.3	1.4	8.9	-13.8	33	20+	-18	15+	1740	0	29	31	17	2.66	1.10	1.43	13	31.9	30	20+	8	1	1
DIVISION			7.1	-14.6										2.60	.97			31.4					
NORTHEAST 02																							
ANTIOCH 2 NW	17.8	- 3.9	7.0	-14.5	34	21	-29	12+	1798	0	29	31	20	3.53	1.75	.90	1	47.1	39	16	9	3	0
AURORA	19.7M	.0M	9.9M	-12.3	35	20	-20	11	1715	0	27	31	18	2.72	.84	.74	1	27.6	25	31+	8	2	0
BARRINGTON	17.8	- 3.1	7.4		34	21+	-26	11	1784	0	29	31	21	2.17		.75	14	32.5	25	14	5	3	0
CHICAGO O'HARE WSO AP R	21.2	3.8	12.5	-10.4	36	20	-17	15	1622	0	25	31	15	2.81	1.11	1.22	13	34.3	28	14	8	2	1
CHICAGO UNIVERSITY //	22.6	8.0	15.3	-10.1	35	21+	-13	15	1533	0	28	31	12	3.53	1.68	.95	14				8	2	0
CHICAGO MIDWAY WSO AP //R	20.6	4.2	12.4	-11.9	35	20	-19	15	1628	0	25	31	14	3.00	1.15	1.11	13	40.4	29	14	8	2	1
DE KALB	17.5	2.0	9.8	-11.1	33	20	-22	11	1711	0	30	31	15	2.90	1.10	1.47	13	29.6	29	24	5	2	1
ELGIN	17.4M	- 3.8M	6.8M		33	20	-24	16+	1799	0	30	31	18	4.28	2.51	1.20	14	52.0			9	3	1
GEBHARD WOODS ST PARK	19.4M	- .3M	9.6M		34	20	-23	15	1713	0	25	31				.60	13		41	31	5	2	0
JOLIET BRANDON RD DAM	19.9	- .1	9.9	-14.0	35	21+	-20	15	1705	0	27	31	20	3.00	1.36	.79	14				6	3	0
MARENGO	20.1M	.3M	10.2M	-10.3	34	23+	-29	11	1696	0	29	31	16	4.05	2.26			43.0					
OTTAWA	20.7M	4.3M	12.5M	-12.2	34	20+	-18	15	1624	0	29	31	12	3.12	1.33	1.20	13	30.5	30	31	8	2	1
PARK FOREST	17.5	2.5	10.0		34	24	-18	15	1701	0	29	31	14	3.05	1.28	.79	14	30.8	16	17	6	2	0
PERU 2 W	21.8	.9M	11.4M	-12.7	34	20+	-22	11	1664	0	29	31	17	2.27	.44	.60	13				8	1	0
WAUKEGAN	18.4	- .8	8.8	-13.7	34	21	-19	15	1739	0	30	31	16			.73	1	40.5	32	14	2	1	0
WHEATON 3 SE	20.5M	.8M	10.7M		34	20	-25	11	1687	0	29	31		3.68	1.74	1.10	14	41.1	29	29+	7	2	1
DIVISION			10.3	-13.0										3.15	1.34			37.5					
WEST 03																							
GALESBURG	17.4	- .5	8.5		34	19	-20	15	1753	0	29	31	19	2.31	.48	.60	14	27.0	26	16+	6	2	0
GOLDEN 1 NW	20.8M	1.6	11.2M		35	20	-22	15	1650	0	26	31	16			.30	13		18	31+	7	0	0
LA HARPE	19.8	1.8	10.8	-13.9	35	20	-19	15	1674	0	27	31	15	2.60	.79	.65	14	25.0	22	15+	9	2	0
MONMOUTH	19.2	3.0	11.1	-12.7	35	20+	-16	15	1666	0	27	31	15	2.33	.42	1.29	13	20.6	25	15+	6	1	1
QUINCY FAA AP	19.5	3.9	11.7		37	19	-16	15	1645	0	26	31	14	1.90	.29	.80	13	19.5	17	15+	5	1	0
QUINCY DAM 21 //	20.9	2.4	11.7		37	20+	-21	15	1646	0	26	31	16	1.94	.27	.64	1	22.0	19	28+	5	2	0
RUSHVILLE	20.1	3.7	11.9	-14.3	36	19	-19	15	1641	0	27	31	14	1.93	.21	.81	13	26.5	24	31	5	1	0
DIVISION			11.0	-14.3										2.17	.42			23.4					
CENTRAL 04																							
CHENOA	19.9	2.3	11.1		34	20+	-20	15	1666	0	28	31	16	2.83		.85	13	24.1	17	31+	7	2	0
DECATUR	23.4	5.6	14.5	-13.5	36	20+	-16	15	1559	0	24	31	12	4.01	1.91	.84	24	25.0	19	28	9	3	0
FARMER CITY	22.9	2.5	12.7		35	20+	-18	15	1615	0	22	31	15	3.91		.90	24	22.0	19	31	10	3	0
HAVANA 4 NNE	20.1	1.3	10.7		35	21+	-26	15	1675	0	28	31	20	2.68	.96	.57	13+	32.5	22	28	9	2	0
LACON 2 E	19.9	2.6	11.3		35	20+	-18	2	1662	0	28	31	16	2.03		1.02	13	21.3	20	31+	7	1	1
LINCOLN	21.8	6.5	14.2	-12.4	37	20	-15	15	1568	0	26	31	10	3.58	1.62	1.03	1		12	31	8	2	1
MASON CITY 1 NW	20.6	4.4	12.5		35	19+	-20	15	1621	0	27	31	14	2.08		.77	13	18.4	16	31	7	1	0
MINONK	20.0	.0	10.0	-13.9	35	20	-22	15	1701	0	28	31	19					29.3					
NORMAL	21.7	4.5	13.1	-13.1	35	20	-21	15	1604	0	29	31	14	2.31	.25	.97	13	24.6	21	31	7	1	0
PEORIA WSO AP //R	18.0	.8	9.4	-14.4	34	17	-22	15	1722	0	29	31	18	2.48	.66	1.11	13	24.7	20	14	6	1	1
PRINCEVILLE	16.2M	- 1.9M	7.2M		31	20+	-22	15	1792	0	31	31	19	2.47	.97	1.56	13				4	2	1
DIVISION			11.5	-14.2										2.84	.98			24.7					
EAST 05																							
DANVILLE	24.9	7.0	16.0	-11.6	39	23	-14	15	1513	0	22	31	10	2.82	.67	.76	24	23.0	8	31+	8	1	0
HOOPESTON 1 NE	21.9	6.3	14.1	-12.1	36	23	-12	15	1570	0	23	31	11	2.83	.80	.84	1	16.4	9	31+	5	2	0
KANKAKEE WTR POLL CTR	19.4	- .8	9.3		35	20+	-18	15	1721	0	27	31	21	3.15		.95	13	29.0	25	31	7	2	0
PIPER CITY 3 SE	20.2	4.4	12.3	-12.9	35	20	-20	15	1628	0	26	31	15	3.16	1.34	.93	1	26.6	26	31	8	2	0
PONTIAC	19.8	4.8	12.3	-13.1	33	20	-18	15	1627	0	30	31	14	3.79	2.11	.95	1	30.5	19	28	9	3	0
RANTOUL																							
URBANA	20.7	5.8	13.3	-13.6	36	17	-14	15	1597	0	26	31	12	2.86	.73	.81	13	28.3	18	31+	7	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	PRECIPITATION TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	MAX. DEPTH ON GROUND	DATE	NO. OF DAYS .10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	20.4	1.4	10.9		35	24+	-16	16	1673	0	25	31	18	3.03	1.03	.87	14	19.6	13	31	7	2	0
DIVISION			12.6	-13.4										3.09	1.24			24.8					
WEST SOUTHWEST 06																							
ALTON DAM 26	24.4	6.8	15.6		39	17	- 9	8	1526	0	22	31	9	2.61		.71	1		9	28+	8	1	0
CARLINVILLE	23.9	7.4	15.7	-13.5	37	20+	-14	15	1519	0	24	31	10	2.38	.54	.45	13	19.8	12	31+	10	0	0
GRIGGSVILLE	20.9	6.5	13.7	-13.7	36	19+	-13	15	1584	0	26	31	8	2.60	.96	.65	1	18.1	16	31	9	1	0
HILLSBORO	25.5M	8.8M	17.2M	-12.8	38	17	-12	15	1452	0		31	9			.63	24		7	27	6	2	0
JACKSONVILLE 2 E	20.9	3.7	12.3	-15.7	37	17	-15	15	1626	0	26	31	14	0 1.49	- .17	.27	14	18.5	10	28	7	0	0
JERSEYVILLE 2 SW	22.7	4.3	13.5		39	17	-21	15	1590	0	23	31	14	1.96		.58	1	18.0	11	31	7	1	0
PANA								5	1533	0	26	31	9	2.86	.76	.62	24	26.8	19	31	9	2	0
								5	1627	0	26	31	14	1.90	.15	.69	13	15.9	9	31+	6	1	0
								5	1574	0	25	31	11	0 3.04	1.18	.49	1		12	30	11	0	0
								5	1537	0	24	31	11	1.74	.23	.43	19				8	0	0
														2.29	.46			19.5					
								5	1506	0	23	31	9	0 3.40	1.02			25.8	13	31			0
								5	1564	0	24	31	13	3.68	1.37	1.09	1	23.7	15	31	9	2	1
								5	1471	0	23	30	8	2.86	- .10	.99	24		8	31	8	1	0
								5	1552	0	24	31	9	2.54		.68	13	15.7	12	31+	8	2	0
								7	1558	0	26	31	11	3.59		.82	14				10	3	0
								5	1521	0	25	31	8	3.41	.88	1.29	1	12.8	5	31	8	2	1
								5	1429	0	21	31	7	2.64	- .23	.88	24				8	1	0
								5+	1434	0	21	30	8	2.92	.09	1.03	24	19.5	8	31	9	1	1
								5	1508	0	22	31	9	2.46	- .15	.86	24	31.5	30	31+	8	1	0
								5	1450	0	21	31	8	2.61		1.01	24	16.9	11	31	8	1	1
								5	1530	0	23	31	10			.39	13	26.7					0
								5	1535	0	22	31	13	2.99		.76	1				6	2	0
								5	1525	0	24	31	11	2.11	- .31	.60	24	27.5	14	31	6	1	0
														2.93	.38			22.2					
								5	1318	0	17	28	5	3.16	- .61	.62	24	16.4	6	9+	11	1	0
								5	1418	0	21	29	7	2.63		1.02	5	22.5	15	31	7	2	1
								5		0		31		3.49		1.14	14		7	31+			1
								+	1247	0	18	30	0	3.40	- .59	.90	23	12.4	5	9+	10	1	0
								5	1416	0	20	30	7	3.92	.64	1.16	1	20.6	10	9+	10	3	1
									1533	0	22	31	13			.74	1		13	31		2	0
									1455	0	23	31	9	2.77	- .15	.84	23	20.0	8	28+	7	2	0
									1446	0	21	31	9	2.96		1.35	1	18.9	6	28+	7	1	1
								+	1427	0	20	31	4	4.54	1.28	1.17	1	27.0	11	8+	11	3	1
									1435	0	22	31	6	3.08	.67	1.30	1	22.3	12	31	7	2	1
									1391	0	20	30	3	2.01	- .38	.52	27	21.2	9	27	8	1	0
									1437	0	21	30	7	4.68	2.47				8	27			
														3.33	.31			20.1					
									1374	0	20	30	5	2.76	- .60	1.15	24	19.0	8	8+	8	1	1
									1253	0	14	30	2	4.37	.02	1.30	1	9.4	4	10+	9	3	1
									1280	0	16	28	3	3.00		.77	24	10.2	4	11+	9	1	0
									1397	0	19	29	6	2.21	- .89	.71	24	12.0	5	31+	7	1	0
									1318	0	18	29	3	3.25	- .26	.60	7	19.0	9	8+	10	2	0
									1463	0	23	31	7	5.16	2.05	1.69	1	15.7	7	12+	11	3	1
									1423	0	23	31	7	4.60		1.58	1	18.4	8	8	11	2	1
									1448	0	20	31	8	0 2.95	.20	1.08	24	26.0	14	31+	7	2	1
									1434	0	20	31	5	3.50		1.73	1				7	1	1
									1275	0	16	28	2	3.99	.03	.80	27	10.1	5	8+	11	3	0
														3.58	.21			15.5					

DAILY PRECIPITATION

DAY OF MONTH

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
ORTHWEST 01																																
EDOO	1.54	.06				T						.10	.02	*	.63					.47		T		.13	.05			T			.03	.05
XON	3.69	.81	.06										.06	.58	1.07		.08	T		.29	.07	T	T		.49	.05			.09			.04
EEPORT WASTE WTR PLT	2.37	.63	T										.06	.48	.54		.09	T		.14	.05	T		T	.31	T			.06			.03
LTON DAM 13	2.00	.35	.04										.15	.33	.35		.10			.30	.08			T	.21			T	.04			.05
LENA 1 N	2.27	T											.08	.65	.60		.08			.25	.05	T	.02		.12	.25		.05	.10		.02	
LVA	3.52	.87	.02			.05							.09	.80	.90		T			.35	T	T	T		.28				.07		T	.09
NESEO	2.18	.06			T	T						.02	.10	1.37	T	.03	T	T	.05	.22	T	T		.19	.03		T	.04	T		.05	T
NNEPIN POWER PLANT	–	–			–	–							–	.98	.43		.01			.16					–	.21			.11			–
LINOIS CITY DAM 16 //	2.68	.61	.03			T							.12	.59	.78		.02	T		.37	T		T	.01	.24			T	.08	T		.03
ITHSBURG	2.73	.62	T			.05							.09	.68	.57		T	T		.43	.02	T	T		.15			.02	.03	T	T	.07
WANEE 1 E	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LINE WSO AP R	2.72	.07			T	.02						.11	.20	1.47	T	.04	T	T	.14	.36	T	T		.22	.02		T	.02	.02	T	.02	.01
RRISON	2.24	.39	T										.09	.51	.54		.05			.37	.03	T			.23			T	.01			.02
UNT CARROLL	2.89	.57											.08	.52	.88		.09			.33	.04	T		T	.30				.07			.03
W BOSTON DAM 17	3.46	.72	T			.01							.01	.50	1.31	T	.05	T		.38	.06	T	T	T	.27	.04		T	.08	T	T	.05
W PAW	3.43	.69	.15										.06	.27	.76		.03	.03		.14	.11	T			1.00	T			.16			.03
CHELLE	2.48	.40	.28										.60	.52	.20		.08			.05	.01				.30				.04			T
CKFORD 6 ENE	1.82	.09	.10												.64	T	.05	T	.01	T	.77				T	.10	T		.05			.01
CKFORD WSO AP //R	2.43	.06							T	T		.05	.16	.86	T	.25	T	T		.52	.01	T	T	.30	.09		T	.08	T	T	.03	.02
OCKTON 1 N	–	.52											.07	.58	.54		.07			*	.39	T			.58			T	–	.01		
SKILWA 2 SE	2.25	.10				T						T	.08	1.27	.10	T	T	T		.23	T	T		.12	.18			.11	T		.04	.02
LNUT	2.66	T				.12						T	.08	1.43	.30	T	T	T		.21	T	T		.20	T			.10	.12		T	.10
* * *																																
ORTHEAST 02																																
TIOCH 2 NW	3.53	.90	.02								T		.08	.52	.60		.22	.05		.20	.10				.45	.19		.10	.08	T		.02
RORA	2.72	.74	.01										.08	.44	.54	T	.10	.10		.14	.05	T			.35	T			.13			.04
RRINGTON	2.17	T								T			.07	.52	.75		T	.03		.15	T				.50	.02			.10			.03
ANNAHON DRESDEN ISL	3.93	.87	.12			T			T				.04	.45	1.00		.08	.10		.16	T				.65	.19			.17			.10
ICAGO O'HARE WSO AP R	2.81	.09								T		.01	.13	1.22	.06	.15	.01	.11	T	.12	T	T		.12	.58		T	.14	.01		.02	.04
ICAGO UNIVERSITY //	3.53	.73	.01										.04	.38	.95		.15	.17	T	.21	.03	.02			.48	.06		T	.24			.06
ICAGO MIDWAY WSO AP //R	3.00	.08								T		.01	.10	1.11	.17	.07	.01	.13	T	.18	T	.01	T	.20	.55		T	.34	T		.03	.01
KALB	2.90	.21										.02	.15	1.47		.07	.03	.02		.27			T	.52	.04			.04	.04		.02	
GIN	4.26	.65	.20										.05	.40	1.20		.75	.06	.01	.20	.02	.01			.42	.11			.17			.03
BHARO WOODS ST PARK	–	–	–	–	–	.04	T	T					.06	.60	.56		.07	.09		.25	.08				.43	.03			.15			.08
LIET BRANDON RD DAM	3.00	.72	.03				T						.04	.38	.79		.05	.06		.12	.02	T			.53	.04			.19			.03
RENGO	4.05	1.15											.15	*	*	1.40	*	.30		.19				T	*	.68		T	.18			T
RSEILLES LOCK	3.68	.88	.04			.03							.04	.53	.67		.08	.11		.30	.03		T	T	.55	.09			.23	.01		.09
HENRY LOCK AND DAM	4.34	.89	T							T			.02	*	*	1.82	.13	.02	T	.09	.05	.01	T	T	1.05	.08		T	.14			.04
RRIS	3.19	.72	.01			T							.04	.52	.78		.07	.09		.18	.03		T		.45	.06			.12			.06
TAWA	3.12	.35				T							.08	1.20	.16	.06		.10		.28				T	.80			.13	.05		T	.11
RK FOREST	3.05	.64	.04										.04	.46	.79		.07	.06		.17	.02	T	.01		.45	.06			.19		.05	
OTONE	2.95	1.08	.02			T	T						.03	.19	.68	.04		.11		.04	.10	T			.43	.04			.19	T	T	
RU 2 W	2.27	.32	.36			T							.10	.60	.10		.09	.17	.25				.01	.06					.21		T	
REATOR 2 ENE	3.92	.40	.01			.02						T	.10	1.00	.40	T	T	.10		.10				.05	1.30			.23	.05		.03	.13
ICA STARVED ROCK DAM	3.32	.78	.05			.02							.05	.59	.66		.03	.09		.28	.02		T		.42	.04			.19			.10
UKEGAN	–	.73	.08										.05		–		.18	.04		–	–	T	T		–	–		T	–	T		–
EATON 3 SE	3.66	.97	.05										.05	.26	1.10		.07	.11		.07	.03				.44	.30			.18			.05
* * *																																
EST 03																																
ON 5 NE	–	.79	.12	.08									*	*	.51					.21	T				.21				.10			–
NTLET 1 E	1.66	.02			T	.11						.02	.02	.83	.03	T				.38		T		.05	.05		.04	.10	T	T	.03	T
NTON 1 ESE	3.28	.35		.78		T						T	.09	.85	.25					.15	T			.06	.35		.06	.20	T	T	.09	.03
LESBURG	2.31	.51	.03			.08							.07	.37	.60					.31	T		T		.12			.08	.04	T	T	.10
ADSTONE DAM 18	2.65	.52	T			.06							.07	.61	.53					.58			T		.17			T	.05		T	.06
LDEN 1 NW	–	.25				.20							.15	.30	.20					–				–	–			.25				.25
HARPE	2.60	.47			T	.10							.11	.63	.65					.31	T	T			.10			T		T	.13	.10
COMB	2.76	.80	.02			.08	.01						.11	.49	.56		T			.32	.01				.18			.02	.08		T	.10
NMOUTH	2.33	.17				.05						.12		1.29	.08					.30				.10	T			T	.05		T	.17
UNT STERLING	3.09	.27			.23	.60								1.00											.30			.29	.40			
YSON	3.56	.58	T			.20	.07					T	.19	.92	.50					.47	.01				.30		.02	T	.20		T	.10
INCY FAA AP	1.90	.07			.05	.13					T	.08	T	.80		T			.19	.17	T	T		.13	T		.05	.09	T	.07	.07	T
INCY DAM 21 //	1.94	.64	T			.14	.02						.06	.58	.25					.04					.14		.02	T	T	T	.02	.03
INCY MEMORIAL BRIDGE	3.42	.63	.04			.16	.03	T				T	.15	.72	.45		T			.48	T	T	T		.24		.02	.04	.15	T	.01	.10
SHVILLE	1.93	.05			T	.14					T	.02	.07	.81		T				.34		T		.10	.02		.05	.21	T		.07	.05
* * *																																
ENTRAL 04																																
OOMINGTON WATERWORKS	2.04	.42	.16			.03	.08						.08	.37	.17					.12	T	T					T	.34	.13			.14
ENOA	2.83	.22				.06						T	.04	.85	.44	.02				.21	T	T		T	.56			.31	.02		.10	
ILLICOTHE	2.78	.52	.06			.06	T						.10	.58	.71					T					.52				.18			.05
INTON 1 SSW	4.22	.92	.20		.04	.07	.05	T	T				.07	.25	.96			T		.26		.04	T	.05	.70	.14	T	.36	T	T	.11	
CATUR	4.01	.81	.15	T		.06	.05	.01	.03				.04	.35	.78					.32	T	T	T		.84	.18		.01	.28		T	.10
RMER CITY	3.91	.75	.12			.18	.02	T					.12	.17	.86					.19					.90			.44				.14
VANA 4 NNE	2.88	.57	.10			.09	.07						.10	.57	.35					.33	.03	T	T		.16			T	.20			.11
CON 2 E	2.03	.15	T									T	.10	1.02	T					.32				.11	.14			.14	.03		.02	
NCOLN	3.56	1.03	.13			.09	.06						.10	.37	.82					.23	T				.28	.01			.37			.06
CKINAW	3.00	.43			T	.04						.04	.08	1.14	.18	T		T		.29	.02	T		.02	.33			.25	.05		.03	.10
SON CITY 1 NW	2.08	.18				.11						T	.10	.77						.37		T		T	.24			.22			.04	.05
NONK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UNT PULASKI	3.26	.48	.08			.09	.05						.10	.28	.81			T		.02	.28		T		.27	.01		.50			.17	.12
RMAL	2.31	.11				.06	.01						.10	.97	.06					.13		T	T	T	.45			.28	.02		T	.12
ORIA WSO AP //R	2.48	.19			.03	.07						.10	.02	1.11	T	.02	T	T	.06	.31	T	.01		.14	.09			.22	.02	T	.07	.02
TERSBURG 3 SSW	3.00	.80	.02			.09	.04						.08	.35	.32					.27	T				.17	T		.15	.62		T	.09
INCEVILLE	2.47	.12										T	T	1.56		T			T	.01		T		.54					.06		.18	
* * *																																
AST 05																																
NVILLE	2.82	.15	.03			.09	T	.05					.02	.48	.42					.15	T	T		T	.78			.42	.13		T	.12
NVILLE SEWAGE PLANT	2.32		.06			.07	.05	.04	.01				.04	.04	.85				.11	.03	T	.01		.25	.11		T	.53			.12	
BSON CITY 1 E	3.48	.99	.13			.03							.07	.08	.93					.17					.55	.12			.31			.10
OPESTON 1 NE	2.83	.84	.14	T		.02	.03		T				T	.04	.82			T		.07	T	T	T		.40	.04			.34			.09
NKAKEE WTR POLL CTR	3.15	.47	.16			.02	.01						.04	.95	.18		.08	.02		.13	T	T			.67	.08			.27			.07
NTICELLO 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PER CITY 3 SE	3.16	.93	.12			.02	.02	.01					.02	.17	.55		.02	T	.02	T	.08	.04	.02		.25	.33			.29	T		.27
NTIAC	3.79	.95	.20			.04	.03						.04	.33	.92		.02			.11	.04		T		.55	.17			.28			.11
NTOUL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DELL	3.57	.95	.15			.06	.08	.04					.07	.05	.61			T		.11	.02		T		.62	.14			.55	.02		.12
BANA	2.86	.15	T		.02	.08	T	.11				.05	.02	.81	.05	T	T	T		.24	.01	T	T	.44	.32			.48	T	T	.08	.02
TSEKA 2 NW	3.03	.72	.08										.02	.17	.87			.08	T	.12	T	.02			.42	.07			.29			.17
* * *																																
EST SOUTHWEST 06																																
TON DAM 26	2.61	.71	T			.18	.07	.18	.06				.05	.05	.19					.42				T	.33		T	.24	T			.13
ARDSTOWN	D 2.37	.72	.05			.05	.12						.12	D .15	.52										.13			.10	.28		T	.13
UFFS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	2.38	.14			T	.15		.18				.10	.03	.45	.14					.32		T		.10	.21		.01	.44	T		.06	.05
EDWARDSVILLE 1 NE	3.94	.72	.07			.16	.06	.14	.10				.04	.07	.36					.26	T				.80		T	.86	.17			.13
GRAFTON	2.41	.65	.05			.02	.07	.15					.10	.12	.18					.43		T			.13		.07	.27	.07			.10
GREENVILLE 1 E	3.04	.86	T	T		.05	.02	.08	.06				T	.18	.20					.18	T				.85			.37	.29			.08
GRIGGSVILLE	2.60	.65	.01			.11	.04						.07	.43	.40					.35					.12		T	.11	.21		T	.10
HILLSBORO	-	.50	.04			-		.25				T		.21	.33					.30					.63		T	-			-	
JACKSONVILLE 2 E	0 1.49	0 .15	.04			.05	.02						.02	.25	.27					.19					0 .20			.05	.15			.10
JERSEYVILLE 2 SW	1.86	.58	T			.09	.04	.12					.07	.14	.05					.37	T				.10		.01	.24	.05		T	.10
KINCAID	3.15	.76	.06			.06		.32	T				.03	.08	.77					.17	.01				.40	T		.10	.34		.05	
MEDORA	1.80	.02			T	.15	.15					.10		.25	.17					.37				.08	.08			.35			.08	T
MOUNT OLIVE 1 E	0 2.75	.64	T					.230	.10				.24		.21					.32				T	.19		T	.44	.20			.18
PANA	2.86	.03	.15			.08	.08	.14	.11				.08	T	.60			T		.27	.01	T	.01		.62	.03		.20	.33	T	T	.12
SPRINGFIELD WSO AP 9	1.90	.09	T		.05	.09		T				.11	.01	.69	T	T		T	.05	.21		T		.09	.10		T	.30	T	T	.10	.01
VIRDEN 1 N	0 3.04	.49	.27			.18	.05	.29	.02				.01	.22	.42					.24	T				.18			.24	.260	.05		.12
VIRGINIA	2.61	.27			T	.14						T	.12	.94	.11					.32				.09	.15		.05	.30	.02		.03	.07
WHITE HALL 1 E	1.74					.12						.12		.24	.14					.43					.25		.04	.30			T	.10
* * *																																
EAST SOUTHEAST 07																																
CHARLESTON	0 3.40	.69	.23			.20		.15						*	.70						.500	.08			.31				.43			.11
CLAY CITY 6 SSE	3.92	1.33	.18			.08	.07	.17	T	.03			.05		.21	.03				.26		.11			1.07				.24	.07		.02
DIONA 3 SW	-	-	-			-		-					.45	-	-					.12		-			-				-			-
EFFINGHAM 3 W	3.68	1.09	.04	.01		.02	.06	.10	.03				.05	.16	.40					.21	.01	.03	.01		.85	.15		.12	.25	T		.09
FLORA 5 NW	2.86	.15	T			.18		.18				T	.09	.28	.06					.22	.03	.09		.10	.99			.39	T	T	.03	.07
GREENUP	4.31	1.34	.18			.04	.07	.09					.04		.24					.09	.13	.23		.33	1.02	.03		T	.35		T	.13
HUTSONVILLE POWER PL	0 2.19	.20	.60			0 .12	.05	.10	.03				T	T	T	T		.02		.15	.07				.12	.25			.28			.20
LAWRENCEVILLE	0 4.11	1.49	.120	.05	0 .01	.04	.08	.34	.03				.10	.07	.15			.01		.16	.08	.27	T		.65	.11		.11	.20			.04
MATTOON	2.54	.15			.03	.07		.06				.03		.68					.05	.12		.11		.57	.25			.31	.01	T	.10	T
MOWEAQUA	3.59	.18				.11		.17					.02		.82					.18	.51			.72				.42	.21		T	.25
NEWTON 6 SSE	3.41	1.29	.14	.06		.05	.05	.10	.02			T	.04	.11	.04			T		.22	.04	.04	T		.90	.02		.12	.10			.07
OLNEY 2 S	2.64	.12				.16		.27					.05	.21						.25	.05	.08		.12	.88			.37	.02			.06
PALESTINE	2.92	.17			T	.09	.14	.16				.01	T	.16	T					.12	.08	.06		.25	1.03			.42	.03		T	.20
PARIS WATERWORKS	2.46	.10	.02			.15	T	.18				.05	.03	.35	.06			T		.13	.02	.08	T	T	.86			.27	.04		.01	.11
SAINTE MARIE	3.67	1.40	.08			.03	.09	.10					.06	.08	.21			.03	T	.11		.17			.96	T		T	.31			.04
SALEM	2.61	.11	T			.15	T	.17				.03	T	.25	.03					.19	T	.09	T	.18	1.01		T	.33	T		.02	.05
TUSCOLA	-	-	-			-	T	-					-	.39	.24			.24		.02		-		.07	-			-			T	-
VANDALIA 2 NW	2.99	.76	.08			.03	.05	.08						.05	.32					.22		.02			.70			.40	.20			.06
WINDSOR	2.11	.05	T		T	.11	T	.09				.01	.03	.37	.09					.17	T	T		.11	.60			.38			.02	.08
* * *																																
SOUTHWEST 08																																
ANNA 1 E	3.16	.10	T			.25	.17	.40					T	.16						.43	.12	.25		.30	.62			.31			.02	.03
BELLEVILLE SO ILL UNIV	2.63	.03	T			1.02			.11			T		.11	.03					.32				.23	.11		.04	.54			.04	.05
CAHOKIA	3.49	*	*	*	*	*	*	*	*	*	*	*	.81	.03	1.14			T		.10	.32	T	T	.13	.60		.03	.23			T	.10
CAIRO WSO CI 9	3.40	.10			T	.23	.42	.14				T	T	.11	.06		.17	T	.04	.46	.39	.05		.80	.09			.22			.02	
CARBONDALE SEWAGE PL	3.92	1.16	.05	T		.14	.10	.59	.10				T	.05	.16			.05		.18	.04	.20			.68	T		.32	.03	T		.07
CARLYLE RESERVOIR	-	.74	.08			.05	.20	.07	T				.01	.07	-					.05	.15	T			.56			.28	.10			.09
CENTRALIA	5.37		.43	.03		.22	.23	.28	.12				.05	.08	.43					.21		.35			1.79	T		.30	.66			.19
CHESTER	4.28	1.80	.05			.17	.10	.15	.05				.02		.20					.25	T	.21			.75		.02	.40	.07			.05
DU QUOIN 4 SE	2.77	.01			.03	.18	.17	.07						.09					.07	.32	.15			.84	.20		.06	.58			T	
GRAND TOWER 2 N	3.75		1.14			.14	.12		.42				T	.01	T	.15		T		.26	.02	.15			.84		T	.32		.02		.06
KASKASKIA R NAV LOCK	2.96	1.35	T			.12	.04	.06	.02						.08					.25	.04	.10			.46		.02	.31	T			.11
MARION 4 NNE	4.54	1.17	T	T	T	.13	.16	.85					T	T	.11					.14	.18	.25	.04		.82	.02		.35	.20	T		.02
NASHVILLE 4 NE	3.08	1.30	.02			.15	.07	.12	.02				T	.03	.05					.16		.05			.66			.25	.14			.06
PRAIRIE DU ROCHER 1WSW	2.76	.80	.03			.11	.06	.05	T						.20					.25	.09	.10			.45		T	.34	.07			.11
RED BUD 5 SE	-	-				.25	T	.10				T			.13					.19		.32			.46		T	.60	T			.13
SPARTA	2.01	.05	T			.24	.01	.10						.11	.01					.23	T	.13		.22	.32		.01	.52			.03	.03
WATERLOO	4.68	.50	.50			*	1.65	.12					.03	.02	.21					.36		T			.65			.52				.12
* * *																																
SOUTHEAST 09																																
ALBION	2.76	.27				.18	T	.10						.18	.08					.27	T	.37			1.15			.06				.10
BENTON FOREST SERVICE	-	1.18	.06			.10	.09	.33	.05			-	-	-				.03		.05	.22	.17			.95			.29		.03		.04
BROOKPORT DAM 52	4.37	1.30	.08	T		.06	.15	.58	.01				T	.04	.08	T		T	.03	.26	.40	.64	T		.44	.02		.10	.11			.07
CARMI 6 NW	3.77	.60	.08			.10	.06	.46	T					.12	.08					.23	.20	.31	T		.87	.09		.25	.28			.04
DIXON SPRINGS AGR C	3.00	.21				.25	.09	.25						.07	.04			T		.36	.25	.17		.22	.77			.32	T			T
FAIRFIELD RADIO WFIW	2.21	.12				.13		.18				T	T	.12	T			T		.38	.04	.08		.08	.71			.34	T	T		.02
GOLCONDA DAM 51	4.72	1.47	.14			.11	.15	.46	.03				T	T	T	T		T	T	.28	.16	.53	.08		.87	.09		.09	.23	T		.03
HARRISBURG	3.25	.18	T			.26	.13	.60							T			T		.40	.18	.31		.23	.58			.38	T		T	T
HARRISBURG DISPOSAL PL	4.32	1.36	.11	T		.18	T	.73	T				T	T	.10			T		.23	.09	.35		T	.75	.05		.16	.19			.02
MC LEANSBORO 2 ENE	5.16	1.69	T	T		.14	.06	.32	.04				T	.30	.35			.02		.10	.42	.10	T		.84	T		.55	.15			.08
MT CARMEL	4.60	1.58	.11			.02	.04	.23	.06				.01	.03	.19			T	T	.24	.11	.38	.04		.97	.13		.20	.24			.02
MT VERNON 3 NE	0 2.95	.61	T			.14	T	.11				T			.10	T				.05	.08	.08			1.08	.03	.320	.30	0 .05			
REND LAKE DAM	3.50	1.73				.09	.06	.22					.02	.06	.10			.01		.32	.03	.11			.46			.27				.02
ROSICLARE	3.89	.24	T			.25	.19	.34					T	.11				T		.17	.75	.25		.36	.53			.80				
SHAWNEETOWN NEW TOWN	4.39	1.78	.08	.05	T	.08	.08	.40	.03				T	.02	T			T		.10	.24	.36	.03		.73	.04		.13	.21	T		.03
WAYNE CITY 1 N	-	1.68				-		-							.42					*	*	.31			.83			.33			.03	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JANUARY 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
ORTHWEST 01																																	
EDO	MAX	17	6	4	4	5	11	12	5	16	9	6	19		20	6	13	27	12	35	35	28	30	32	30	19	27	26	24	17	17	12	17.5
	MIN						-9	3	-12	2	-4	-12	4		-12	-16	3	7	-2	10	25	18	14	26	3	-6	5	18	15	-2	6	-3	3.2
XON	MAX	20	13	-5	1	2	2	10	15	10	14	-1	12	19	25	0	5	25	15	22	33	32	28	26	30	12	18	25	29	30	22	19	16.4
	MIN	11	-19	-18	-14	-11	-12	-10	-15	-15	-4	-18	-14	11	-8	-20	-15	-6	-6	-6	22	22	10	10	12	-7	-7	4	25	5	2	1	-2.9
EEPORT WASTE WTR PLT	MAX	18	12	-5	-2	2	2	10	12	8	13	33	11	17	23	-1	0	22	17	19	33	29	28	26	28	17	19	22	29	29	24	20	16.6
	MIN	10	-16	-14	-13	-18	-17	-10	-11	-10	-7	-26	-23	11	-7	-18	-19	-17	-10	-5	19	24	14	14	10	-2	0	2	22	13	4	5	-3.1
LTON DAM 13	MAX	21	12	-2	4	4	3	12	13	8	12	-1	11	18	22	9	4	22	16	21	35	32	27	28	30	24	30	21	32	28	26	21	17.5
	MIN	11	-13	-15	-10	-11	-14	-15	-12	-12	-3	-19	-15	11	-6	-23	-18	-15	-10	-10	15	20	3	3	9	-5	-5	6	19	4	4	1	-4.0
LVA	MAX	19	11	-5	2	5	4	10	10	4	14	6	13	21	23	-5	9	29	18	25	34	31	26	28	30	13	15	26	24	26	17	17	16.1
	MIN	10	-18	-17	-12	-10	-10	-8	-16	-15	-7	-9	-5	13	-12	-18	-12	5	-1	0	25	23	12	19	6	-7	-5	12	18	-2	-2	0	-1.4
NESEO	MAX	16	-3	2	3	3	10	10	4	13	4	9	19	25	17	8	23	29	18	35	34	27	27	31	19	16	20	26	26	18	17	11	16.7
	MIN	-7	-17	-12	-7	-10	-11	-3	-11	-1	-10	-15	9	16	-15	-18	-1	3	-3	17	25	16	12	19	1	-4	7	19	10	1	7	-1	.5
NNEPIN POWER PLANT	MAX	15	16	5	4	2	6	13	14	7	16	5	15	27	23	30	11	18	32	25	33	33	29			23	17	27	27	29	20		18.6
	MIN	-16	-16	-18	-13	-7	-20	-6	-11	-10	-2	-24	-16	15	-7	-22	-16	3	-10	-9	24	25	11	10	10	-3	-3	7	19	3	3	3	-3.1
WANEE 1 E	MAX																																
	MIN																																
LINE WSO AP	MAX	14	-5	3	3	2	10	10	4	13	5	8	18	20	11	7	22	27	18	36	34	26	29	31	18	19	23	25	25	15	14	11	16.0
	MIN	-10	-27	-14	-12	-19	-19	-7	-17	-6	-18	-17	7	11	-21	-24	0	-8	-10	18	26	15	9	18	0	-10	-1	20	9	-1	5	-5	-3.5
RRISON	MAX	19	12	-4	3	3	0	12	13	7	14	5	15	20	24	-4	7	23	15	22	35	30	28	28	31	25	19	24	29	30	20	17	16.8
	MIN	10	-18	-18	-17	-14	-19	-10	-13	-13	-5	-26	-18	14	-8	-23	-14	-14	-11	-8	22	24	1	2	10	-6	-6	11	19	3	3	-2	-4.6
UNT CARROLL	MAX	17	10	-2	0	3	1	9	11	5	13	3	13	17	23	-1	3	21	17	22	33	30	27	27	29	15	18	22	29	28	22	19	15.6
	MIN	9	-26	-21	-15	-23	-25	-16	-24	-21	-13	-29	-19	11	-9	-26	-22	-17	-13	-5	21	23	3	6	8	-12	-9	11	19	2	-1	-8	-7.8
W PAW	MAX	20	12	8	0	0	0	8	11	20	11	1	10	20	27	-4	8	28	24	18	33	32	28	23	28	18	15	22	28	26	15	15	16.3
	MIN	12	-20	-20	-18	-9	-19	-18	-8	-8	-8	-25	-14	10	-5	-23	-18	-8	-4	-2	18	22	11	8	11	-5	-4	0	21	11	4	4	-3.4
CHELLE	MAX	22	22	-10	-2	1	2	10	16	2	12	4	11	25	27	15	10	18	17	20	33	33	32	25	29	14	18	20	30	28	20	17	16.8
	MIN	11	-23	-23	-20	-15	-17	-11	-14	-14	-16	-22	-25		-21	-26	-22	-16	-22	-10			13	15	8	8	-8	11	19	12	-3	2	-8.2
CKFORD WSO AP	MAX	17	-7	1	3	1	9	10	2	12	0	6	18	27	17	3	19	24	18	35	35	29	26	29	26	16	22	30	29	25	19	18	16.7
	MIN	-7	-17	-16	-8	-14	15	-5	-13	-5	-16	-24	6	16	-17	-24	-21	3	-11	18	28	18	16	25	6	-6	-5	21	25	0	0	3	-1.3
OCKTON 1 N	MAX	10	8	-6	1	0	-2	6	8	6	10	1	10	16	20	1		21	14	18	31	28	25	25	24	24	18	23	30	26	22	22	14.7
	MIN	6	-24	-20	-15	-20	-17	-15	-14	-12	-11	-25	-18	10	-10	-21	-23	-11	-14	-8	18	22	5	7	5	-5	-1	9	21	4	1	0	-5.7
SKILWA 2 SE	MAX	20	8	5	5	6	10	13	3	15	5	5	19	28	22	3	12	32	18	34	34	28	28	32	30	16	27	25	27	22	17	12	18.1
	MIN	8	-16	-12	-7	-7	-15	0	-11	-2	-5	-22	2	18	-9	-21	3	10	-5	10	26	18	13	27	10	-3	3	17	21	2	7	2	2.0
LNUT	MAX	19	7	1	2	2	9	12	5	15	5	1	18	25	20	2	7	28	12	33	33	27	24	28	28	15	22	25	29	23	16	13	16.3
	MIN	7	-18	-14	-8	-10	-13	0	-14	-3	-6	-16	0	18	-9	-18	-5	2	-4	10	27	23	13	23	10	-7	3	17	23	1	12	-2	1.4
• • •																																	
ORTHEAST 02																																	
TIOCH 2 NW	MAX	23	15	-5	0	4	3	11	14	6	14	2	11	27	27	3	3	25	24	20	32	34	26	24	30	22	18	24	33	31	29	23	17.8
	MIN	13	-15	-20	-15	-15	-19	-11	-14	-14	-11	-29	-29	10	-4	-20	-19	-15	-7	-10	18	22	8	8	18	2	-1	0	22	22	-2	5	-3.9
RORA	MAX	20	16	3	4	6	13	15	2	15	2	10	21	30	20	8	19	28	18	34	35	30	25	33	32		23	33	31	22	22	20	19.7
	MIN	5	-17	-14	-8	-10	-11	-5	-12	-7	-16	-20	9	18	-15	-19	7	0	-10	17	28	20	9	21		-2	-5	19	19	-2	0	2	.0
RRINGTON	MAX	25	15	-3	1	2	1	8	12	7	14	1	12	28	28	0	7	28	22	21	34	34	26	25	30	20	20	25	32	29	27	22	17.8
	MIN	-1	-16	-17	-16	-16	-17	-10	-17	-13	-7	-26	-20	12	0	-20	-17	-12	-6	-5	19	22	12	16	13	1	-4	0	21	20	0	7	-3.1
ICAGO O'HARE WSO AP	MAX	23	4	4	4	4	10	16	6	16	2	13	25	31	21	11	24	31	23	35	36	33	27	35	34	18	27	35	32	29	24	25	21.2
	MIN	4	-13	-15	-7	-11	-11	-3	-10	-3	-13	-16	12	20	-12	-17	-7	6	-8	20	32	25	12	25	16	4	0	26	29	12	10	12	3.8
ICAGO UNIVERSITY	MAX	32	18	4	6	6	7	15	17	17	18	13	19	29	29	5	18	31	21	26	35	35	28	32	34	23	29	32	32	31	30	29	22.6
	MIN	18	-11	-10	-2	-2	-5	5	-4	-1	-3	-4	-4	18	2	-13	-2	17	4	19	24	26	15	22	20	7	11	25	29	21	12	15	8.0
ICAGO MIDWAY WSO AP	MAX	25	4	3	4	5	10	16	6	18	3	14	24	31	20	9	22	33	21	34	35	34	24	34	33	17	27	32	31	27	23	21	20.6
	MIN	4	-13	-12	-5	-8	-12	0	-7	0	-7	-10	10	20	-14	-19	-2	4	-3	16	32	24	11	23	14	3	7	24	26	8	7	8	4.2
KALB	MAX	20	10	-1	3	1	8	12	8	14	0	4	18	27	22	0	14	24	22	30	33	30	26	28	28	17	19	31	29	26	21	17	17.5
	MIN	10	-16	-15	-9	-10	-15	-3	-13	-4	-6	-22	2	18	-6	-21	-10	12	-6	10	30	21	13	22	13	-2	3	17	26	14	4	5	2.0
GIN	MAX	24	15	-8	-1	1	0	7	13	5	13	-1	11	25	28		28	27	21	21	33	32	26	25			15	22	30	29	23	23	17.4
	MIN	13	-19	-17	-23	-14	-17	-16	-14	-14	-9	-18	-17	9		-24	-24	-8	-5	-4	18	21	11	14		-1	-3	4	20	17	4	6	-3.8
BHARD WOODS ST PARK	MAX				6	4	5	10	13	6	13	3	14	27	30	9	9	33	29	22	34	33	28	25	31	26	13	24	29	31	16	20	19.4
	MIN				-3	-8	-8	-3	-11	-11	-6	-20	-15	14	1	-23	-12	3	-4	0	13	14	9	14	15	-7	-4	1	20	12	6	5	-.3
LIET BRANDON RD DAM	MAX	32	19	12	7	5	3	13	16	8	15	3	15	28	30	4	10	23	26	22	35	35	28	26	33	20	15	25	31	30	19	19	19.9
	MIN	18	-15	-15	-7	-7	-7	-5	-10	-10	-8	-15	-10	13	4	-20	-15	-1	-1	0	19	25	10	10	15	-5	-3	-3	23	13	0	4	-.1
RENGO	MAX	29	23	-5	3	3	9	13	9	24	9	4	19		31	5		31	15	30	34	31	26	34	28	17	28	31	31	29	22	21	20.1
	MIN	18	-20	-18	-10	-18	-15	-14	-14	-6	-9	-29	4		-9	-22		12	-10	12	28	21	12	19	15	-5	0	17	26	17	1	6	.3
TAWA	MAX	23	12	9	6	6	15	16	7	19	9	6	21	31	27	7	15	32		34	34	32	27	31	31	19	24	28	31	26	22	20	20.7
	MIN	12	-12	-9	-3	-5	-10	2	-12	-1	-7	-15	6	21	-13	-18	4	14		11	32	26	14	25	12	-4	2	12	23	10	7	4	4.3
RK FOREST	MAX	32	19	-3	-2	-2	-1	8	8	10	10	5	13	27	24	3	15	26	23	20	33	32	27	24	34	20	16	24	28	28	26	14	17.5
	MIN	18	-14	-13	-6	-3	-7	-2	-10	-4	-5	-12	-6	12	3	-18	-9	5	1	2	20	27	9	12	20	-2	1	3	23	16	9	8	2.5
RU 2 W	MAX	28	18	2	3	5	12	16	16	15	8	14	22	26	22	19	32	31	27	34	34	32	28	30	30	18	24	29	30	29	23	19	21.8
	MIN	16	-16	-13	-13	-7	-13	-10	-11	-5	-8	-22	-6	-2	-3	-15	3	21	-5	20	19	15	12	23		-3	-2	17	20	9	4	3	.9
UKEGAN	MAX	32	22	-6	0	3	1	10	13	6	15	3	12	27	29	3	5	26	25	22	32	34	25	25	31	20	17	25	31	31	28	23	18.4
	MIN	15	-14	-16	-13	-12	-13	-13	-10	-13	-8	-16	-17	10	3	-19	-15	-10	-6	-6	18	23	12	12	18	1	2	5	21	22	7	7	-.8
EATON 3 SE	MAX	27	13	4	3	5	11	15	14	15	9	10	20	30		0	18	28	24	29	34	32	26	31	32	20	27	32	32	28	24	23	20.5
	MIN	13	-16	-16	-9	-12	-15	-5	-15	-14	-7	-25	6			-20	-8	5	-10	5	29	24	10	19	17	1	-3	19	26	16	-1	10	.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	15	-1	5	4	6	11	13	6	17	8	9	20	21	10	11	25	29	20	34	33	26	30	31	18	19	29	24	23	16	17	10	17.4
	MIN	-9	-19	-13	-7	-8	-9	-8	-13	-3	-9	-10	8	10	-17	-20	6	0	0	20	23	14	14	17	0	-7	7	18	3	2	6	-7	-.5
GOLDEN 1 NW	MAX	12	10	10	10	10	13	14	10	15	11	11	15	26	26		20	33	26	30	35	32	33	31	33	33	20	27	26	20	16	16	20.8
	MIN	8	-15	-12	-10	-5	-11	-7	-13	-5	-6	-4	5	15	-6	-22	10	10	2	10	22	23	15	15	3	-2	6	18	16	0	-4	-5	1.6
LA HARPE	MAX	18	4	9	9	10	14	19	7	22	13	9	22	22	20	11	21	30	18	33	35	30	33	34	21	22	26	25	23	22	20	13	19.8
	MIN	2	-16	-14	-4	-2	-11	1	-10	-2	-2	-7	4	15	-12	-19	9	11	0	12	18	18	14	19	2	-6	7	19	10	-2	6	-4	1.8
MONMOUTH	MAX	18	6	4	6	8	13	13	9	19	13	6	22	21	20	6	20	29	17	35	35	28	33	33	32	19	29	25	24	19	20	14	19.2
	MIN	6	-15	-11	-6	-4	-9	6	-12	0	-2	-10	4	16	-12	-16	5	11	-1	12	28	20	15	25	3	-5	5	18	17	-1	7	-1	3.0
QUINCY FAA AP	MAX	17	2	13	7	7	14	14	8	16	10	11	24	26	8	17	32	35	28	37	36	25	33	33	15	24	27	25	23	12	16	11	19.5
	MIN	-4	-11	-8	2	-6	-8	-4	-10	5	0	0	11	8	-15	-16	8	10	1	28	24	20	17	15	2	0	19	21	10	-2	7	-3	3.9
QUINCY DAM 21	MAX	18	17	5	15	9	10	18	17	11	19	12	15	26	23	1	20	37	28	32	37	35	27	34	33	18	22	27	28	24	15	16	20.9
	MIN	11	-9	-10	-9	-5	-12	-6	-5	-6	-2	-3	4	15	-6	-21	-9	10	2	5	28	23	15	15	4	-2	2	20	18	10	-2	0	2.4
RUSHVILLE	MAX	18	5	10	5	10	15	17	7	18	13	10	23	26	20	9	24	35	20	36	35	29	33	32	27	25	25	25	22	14	20	14	20.1
	MIN	4	-13	-10	-2	-1	-9	5	-11	1	-6	-1	5	20	-11	-19	8	19	-2	15	28	18	15	25	3	-4	9	20	14	-4	2	-4	3.7
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	27	9	10	7	7	11	13	10	15	9	7	24	28	28	6	16	34	13	33	34	31	26	32	32	12	20	26	28	25	26	17	19.9
	MIN	9	-5	-8	0	-1	-7	2	-1	-2	-2	-10	5	21	-10	-20	-16	0	-2	9	30	23	12	20	10	-5	4	6	2	0	6	2	2.3
DECATUR	MAX	27	11	15	13	14	15	18	9	18	11	11	28	34	29	13	32	36	27	35	36	33	31	34	33	18	32	30	24	19	22	17	23.4
	MIN	9	-7	-9	1	5	-10	5	-8	-3	-1	-5	7	26	-7	-16	4	18	4	19	32	24	17	23	9	-2	1	15	17	0	6	0	5.6
FARMER CITY	MAX	31	10	15	9	11	17	18	7	18	10	11	25	33	28	12	22	35	20	35	35	33	27	33	33	34	25	34	26	20	26	18	22.9
	MIN	10	-9	-6	0	3	-10	4	-11	-4	-4	-9	8	23	-12	-18	8	11	2	15	17	23	13	22	-9	-6	0	9	0	2	7	0	2.5
HAVANA 4 NNE	MAX	22	14	-2	13	7	8	16	18	5	20	10	16	27	27	0	15	35	26	32	34	35	30	31	32	15	21	30	24	23	16	22	20.1
	MIN	13	-13	-12	-3	0	-20	0	-12	-7	-1	-10	2	16	-10	-26	-5	14	-9	-5	28	24	17	24	7	-3	0	17	18	-2	-1	-1	1.3
LACON 2 E	MAX	21	9	9	5	7	15	14	9	17	10	7	22	30	20	7	17	21	25	35	35	34	29	32	31	18	28	29	26	22	19	14	19.9
	MIN	8	-18	-13	-6	-6	-13	-1	-13	-4	-5	-17	3	20	-9	-17	7	5	15	9	29	24	12	24	10	-6	0	17	20	0	7	-1	2.6
LINCOLN	MAX	25	11	12	12	11	15	18	8	19	12	8	25	34	27	9	22	35	19	34	37	32	29	33	32	18	30	25	25	20	23	17	21.8
	MIN	10	-8	-4	1	4	-14	8	-6	0	0	-4	4	24	-7	-15	8	18	5	17	32	21	17	24	9	-2	6	21	19	1	10	2	6.5
MASON CITY 1 NW	MAX	23	9	13	11	8	11	16	9	17	10	6	24	32	26	9	20	35	18	35	34	31	31	32	33	17	28	24	24	19	20	15	20.6
	MIN	9	-9	-5	-1	2	-17	7	-19	-2	-6	-6	5	23	-9	-20	9	17	-2	14	30	23	16	25	7	-4	5	20	17	-2	10	-2	4.4
MINONK	MAX	27	25	-5	5	5	4	15	14	15	18	5	32	25	25	4	5	32	32	34	35	34	28	29	30	18	16	24	26	23	19	22	20.0
	MIN	25	-15	-14	-14	-5	-7	-13	-11	-4	-9	-12	-1	15	-4	-22	-19	5	-5	-3	28	22	15	17	18	-7	-8	4	18	-1	3	4	.0
NORMAL	MAX	28	12	12	12	9	14	15	13	19	18	8	23	30	27	6	21	31	22	34	35	32	27	32	31	19	28	25	25	23	21	20	21.7
	MIN	12	-10	-6	0	-1	-10	6	-10	-1	-3	-10	5	22	-4	-21	-1	5	2	14	32	24	14	23	10	-4	-1	19	21	1	8	3	4.5
PEORIA WSO AP	MAX	18	-3	8	3	5	10	13	2	15	7	10	23	27	18	12	29	34	21	33	32	26	28	30	23	16	26	23	24	15	18	11	18.0
	MIN	-6	-16	-14	-5	-10	-14	-3	-11	-4	-7	-11	9	18	-19	-22	11	0	-1	21	25	16	15	23	2	-6	3	19	7	-1	9	-3	.8
PRINCEVILLE	MAX	17		3	3	3	9	9	1	14	3	5	19			3		30	10	31	31	25	27	29	29	23	24	19	22	19	19	10	16.2
	MIN	-3	-21	-17	-11	-9	-11	0	-17	-9	-8	-20	2	18		-22	-12	-10	-8	10	25	20	10	23		-9	2	10	17	-2	3	-6	-1.9
• • •																																	
EAST 05																																	
DANVILLE	MAX	36	17	15	14	16	16	20	14	19	12	13	29	34	35	10	28	37	23	34	36	33	28	39	38	19	30	28	28	23	28	20	24.9
	MIN	15	-5	-4	2	6	-9	7	-9	-3	-8	-13	11	26	-4	-14	2	18	5	21	32	26	15	23	13	0	1	20	21	9	5	8	7.0
HOOPESTON 1 NE	MAX	33	14	11	10	11	13	16	9	15	10	11	25	33	33	9	22	35	20	34	35	32	26	36	35	15	23	26	27	23	21	17	21.9
	MIN	13	-7	-4	2	2	-6	4	-8	-3	-2	-11	10	24	-6	-12	8	18	0	14	32	25	12	21	14	-3	2	17	22	7	5	5	6.3
KANKAKEE WTR POLL CTR	MAX	34	21	-2	10	6	15	13	11	7	15	5	15	28	29	4	11	35	31	23	35	22	24	26	34	20	15	20	27	31	18	19	19.4
	MIN	18	-10	-9	-5	-1	-3	-4	-7	-8	-3	-10	-7	11	-6	-18	-17	9	-3	-3	17	10	9	7	19	-3	-4	-3	1	3	-3	-2	-.8
PIPER CITY 3 SE	MAX	32	11	10	9	8	12	13	6	14	6	8	24	32	28	8	19	34	17	34	35	32	25	33	33	15	21	24	28	21	19	15	20.2
	MIN	11	-9	-5	0	-1	-7	0	-9	-4	-2	-10	7	24	-10	-20	8	13	-6	8	31	25	10	19	13	-5	-1	16	21	8	5	5	4.4
PONTIAC	MAX	27	12	11	7	5	12	16	8	18	9	7	21	27	27	10	17	26	19	32	33	30	26	31	31	18	21	25	28	24	20	17	19.8
	MIN	12	-11	-6	0	1	-11	0	-9	-1	-2	-12	7	21	-5	-18	3	14	-1	9	30	24	12	22	13	-6	0	19	24	7	5	8	4.8
RANTOUL	MAX																																
	MIN																																
URBANA	MAX	25	4	12	10	11	14	16	2	16	7	11	25	33	20	12	32	36	22	34	34	29	27	34	32	16	26	26	25	16	21	15	20.7
	MIN	4	-8	-4	3	-1	-3	2	-8	-3	-2	-5	11	20	-9	-14	8	12	5	22	29	18	15	22	6	-2	8	21	16	5	11	0	5.8
WATSEKA 2 NW	MAX	32	23	-1	10	6	8	14	16	3	16	5	14	26	33	10	13	35	33	23	33	35	31	25	35	21	13	25	28	29	16	21	20.4
	MIN	22	-8	-8	-3	1	-11	-7	-7	-10	-3	-13	-8	14	10	-15	-16	13	-4	-4	13	29	10	10	21	-3	-6	-3	20	4	-3	8	1.4
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	32	25	20	23	16	13	17	20	11	23	14	18	33	33	5	20	39	38	33	37	36	27	33	34	20	27	25	28	19	17	21	24.4
	MIN	12	-5	-6	0	7	-1	5	-9	-8	2	3	4	17	-5	-8	0	14	15	17	31	24	21	23	8	6	7	20	15	1	1	1	6.8
CARLINVILLE	MAX	31	12	19	15	12	20	18	11	22	13	9	29	33	21	16	32	37	26	36	37	32	33	33	33	24	20	27	24	18	23	18	23.9
	MIN	12	-5	-2	5	5	-5	11	-10	2	-2	-2	7	19	-6	-14	5	24	6	21	30	24	18	27	7	3	8	22	13	0	8	-1	7.4
GRIGGSVILLE	MAX	19	4	17	13	12	16	19	9	19	13	9	26	28	19	12	23	36	21	36	34	27	34	33	20	24	26	26	21	15	23	13	20.9
	MIN	4	-7	-3	4	3	-2	5	-7	5	2	2	9	16	-9	-13	5	17	7	19	27	20	19	20	4	1	13	21	10	-2	11	-1	6.5
HILLSBORO	MAX	32	18	20	15	12	19	17		21	20	12	31	34		13	36	38		36	37		33	34		28	26	33	23		25		25.5
	MIN	14	-6	-6	10	9		11	-6	2	-1	-1	6	18	-5	-12	10	26	8	23	31	23	19	20	10	3	8	22	18	2	8	-1	8.8
JACKSONVILLE 2 E	MAX	26	15	3	17	9	10	16	16	7	18	12	14	31	31	2	15	37	34	30	36	34	27	32	33	16	22	24	26	20	13	21	20.9
	MIN	14	-6	-6	-3	3	-7	-4	-6	-6	0	-2	1	14	-6	-15	-10	2	2	2	30	23	20	23	9	3	3	19	18	1	0	0	3.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
RSEYVILLE 2 SW	MAX	30	14	7	23	12	10	20	19	10	20	12	17	32	33	1	19	39	33	33	37	35	27	33	33	18	25	30	27	19	16	20	22.7
	MIN	13	-4	-3	6	5	5	3	-17	-4	-9	-4	5	17	-6	-21	-1	13	2	13	32	23	16	26	-5	3	9	22	12	-3	0	-6	4.3
NA	MAX	30	11	15	14	11	16	17	10	18	11	8	29	33	22	15	31	36	23	35	35	32	31	33	32	20	30	26	22	17	21	16	22.6
	MIN	10	-5	-2	7	6	-2	9	-9	-2	2	-2	8	22	6	-14	11	22	10	21	31	23	18	24	9	2	7	20	17	3	8	0	8.0
PRINGFIELD WSO AP	MAX	21	1	15	10	7	15	15	4	16	10	11	27	31	19	15	33	35	26	34	34	27	30	33	23	20	27	27	23	12	18	12	20.4
	MIN	0	-6	-2	4	6	11	-3	-11	-2	-1	-1	10	19	-13	-15	6	10	1	26	26	15	15	23	6	-1	9	14	11	1	11	-2	4.3
ROEN 1 N	MAX	30	10	17	14	11	15	18	11	16	12	9	26	33	22	12	28	35	25	35	36	32	32	33	33	22	25	22	22	18	21	17	22.3
	MIN	7	-6	-3	4	3	-8	9	-13	-4	-5	-5	5	18	-8	-17	6	23	3	22	29	22	18	26	12	2	7	19	12	-3	7	-3	5.8
ITE HALL 1 E	MAX	22	11	17	19	11	19	19	13	19	15	12	28	33	21	14	32	38	26	36	36	32	34	34	34	26	28	28	25	19	22	19	23.9
	MIN	10	-5	0	7	5	-9	9	-7	4	-2	0	7	12	-8	-16	5	23	3	18	31	22	18	22	2	3	14	23	14	-1	6	-2	6.5
. . .																																	
AST SOUTHEAST 07																																	
ARLESTON	MAX	34	14	16	15	15	19	18	12	19	12	11	30	35	32	13	31	38	27	34	36	33	28	36	34	18	29	29	25	19	21	17	24.2
	MIN	14	-7	-5	5	7	-5	11	-7	-2	1	-4	8	27	-4	-13	12	25	9	22	32	18	17	22	12	0	5	20	18	5	7	4	8.2
FINGHAM 3 W	MAX	34	24	5	18	15	15	19	19	6	21	11	16	32	35	1	17	38	38	28	34	35	28	31	35	17	20	30	27	22	16	22	22.9
	MIN	23	-4	-7	-5	8	-3	4	-5	-5	-4	-2	0	16	0	-17	-13	3	10	9	28	25	21	23	16	2	0	15	21	8	7	4	5.7
ORA 5 NW	MAX	35	15	20	20	15	17	23	15	26	15	10	30	29	29	15	34	40	30	35	35	33	31	36	36	23	29	28	25	19	21	17	25.4
	MIN	15	-3	-3	7	9	3	15	-10	-3	-4	-3	9	26	-3	-14	7	29	13	24	33	26	19	22	11	3	6	23	19	3	2	2	9.1
TTOON	MAX	28	5	16	14	12	16	17	4	17	9	13	30	34	21	15	34	37	25	34	34	30	28	35	33	19	31	27	23	15	22	15	22.4
	MIN	5	-6	-2	7	3	-3	3	-9	-1	1	-4	12	21	-9	-11	10	16	10	24	29	17	17	24	6	-1	9	21	14	4	10	2	7.1
WEAQUA	MAX	32	13	14	15	12	14	15	15	10	10	10	18	33	33	32	27		24	31	35	32	33	32	31	18	30	27	27	18	21	16	22.6
	MIN	13	-5	-4	6	6	-10	5	-8	4	5	-5	0	18	-4	-1	5	-14	3	20	31	18	24	21	9	3	3	21	18	2	3	0	5.7
WTON 6 SSE	MAX	40	27	6	19	17	17	16	20	7	22	11	18	32	32	3	22	38	38	28	35	35	28	28	37	18	21	30	30	23	18	21	23.8
	MIN	26	-3	-3	3	9	1	5	-7	-5	-4	-1	1	17	1	-8	-3	10	15	15	27	26	18	17	17	5	7	16	21	7	4	4	7.7
NEY 2 S	MAX	37	17	20	20	16	19	21	15	26	18	12	32	38	33	15	38	40	31	37	36	33	29	39	37	25	30	29	23	22	22	18	26.7
	MIN	17	-2	1	10	11	7	13	6	-6	-5	0	10	26	-3	-8	10	31	17	26	29	26	19	23	14	5	9	23	18	6	4	6	10.7
LESTINE	MAX	37	16	18	21	17	17	20	12	22	10	13	29	38	33	17	34	39	29	35	37	33	30	40	36	20	27	29	25	20	20	20	25.6
	MIN	16	-2	-1	10	11	5	12	-5	-2	0	0	13	29	-1	-5	13	29	15	24	33	25	20	22	12	5	9	25	19	12	7	7	11.5
RIS WATERWORKS	MAX	35	14	15	16	14	18	18	10	20	8	12	30	35	33	13	33	37	26	34	35	32	28	38	34	12	28	28	26	19	23	17	23.9
	MIN	14	5	-3	4	7	7	10	9	-3	-2	-6	11	27	-6	-10	12	21	8	21	32	25	16	22	12	1	6	21	18	6	8	4	8.2
LEM	MAX	33	15	20	22	22	19	22	16	25	15	12	32	35	23	15	40	40	31	36	36	33	34	37	35	25	30	28	23	17	20	17	26.1
	MIN	14	2	0	9	9	3	14	-7	-2	-1	0	9	23	-1	-11	9	31	15	26	32	24	20	23	14	4	8	23	17	1	2	2	9.9
SCOLA	MAX	33	16	15	14	14	15	17	13	18	17	9	27	33	32	8	25	37	27	34	34	33	28	34	34	15	24	27	24	21	22	18	23.2
	MIN	15	-6	-2	4	7	-9	7	-8	-6	0	-3	8	22	-4	-14	8	25	8	20	32	25	17	21	12	-2	5	19	20	5	7	5	7.7
NDALIA 2 NW	MAX	33	19	9	18	17	11	19	22	13	22	14	18	34	35	4	26	37	37	31	36	36	28	33	35	17	21	30	29	25	18	22	24.2
	MIN	18	-5	3	5	7	-2	6	-3	-5	-1	-1	1	16	-3	-12	-3	15	10	15	29	18	18	23	10	-2	6	17	16	-1	6	0	6.3
INDSOR	MAX	33	14	16	14	14	15	17	10	18	11	10	31	34	33	10	32	37	27	33	34	32	30	35	32	20	31	31	23	27	27	17	24.1
	MIN	13	-7	-4	5	5	-4	8	-10	-2	-2	-4	7	22	-5	-12	8	26	7	21	32	24	7	22	10	-2	7	20	16	2	9	0	7.1
. . .																																	
SOUTHWEST 08																																	
NNA 1 E	MAX	34	16	25	30	24	19	22	19	26	25	17	40	39	35	21	39	45	41	41	41	34	31	38	39	29	33	33	28	28	25	21	30.3
	MIN	15	0	0	15	15	11	16	1	-3	7	4	15	34	6	-6	20	33	20	29	33	24	15	25	11	8	19	25	20	5	14	10	14.2
ELLEVILLE SO ILL UNIV	MAX	32	17	23	23	17	20	19	18	26	21	13	30	35	26	18	37	38	36	38	38	35	33	35	34	27	31	31	28	22	22	20	27.2
	MIN	17	-2	-2	8	9	12	15	-10	-3	-1	4	9	26	4	-18	8	34	12	28	34	28	21	28	11	10	12	16	18	-3	8	1	10.8
AHOKIA	MAX												19	33	35	1	20	42	40	34	39	36	28	34	32	25	30	32	30	20		27	
	MIN												8	12	-2	-12	1		14	21	21	24	21	27	7	2	7	24	16	4	4	4	
AIRO WSO CI	MAX	33	13	25	34	24	24	24	17	29	21	21	41	40	20	30	4	44	37	45	43	32	34	41	29	31	35	33	30	27	27	23	30.6
	MIN	12	6	11	22	17	16	17	6	8	13	10	21	20	8	6	29	32	27	34	32	21	19	29	17	15	27	28	21	14	21	15	18.5
ARBONDALE SEWAGE PL	MAX	33	25	12	25	29	19	19	23	14	29	20	21	38	39	10	28	41	44	33	42	37	29	34	40	23	32	35	30	27	26	25	28.5
	MIN	24	1	1	3	15	11	11	-4	-5	-3	-2	5	19	5	-11	-2	18	18	18	33	25	19	22	12	0	10	24	21	4	4	8	9.8
ARLYLE RESERVOIR	MAX	33	20	9	21	20	9	17	19	10	25	13	18	34	35	8	22	38	39	32	38	36	28	34	35	19	25	29	28	23	18	20	24.4
	MIN	19	-4	-3	0	9	2	8	-8	-7	0	0	3	12	-1	-9	-1	15	16	18	18	9	20	25	7	5	7	21	16	-1	0	0	6.3
U QUOIN 4 SE	MAX	26	12	19	19	16	18	20	13	26	16	15	37	36	15	26	40	43	32	38	38	27	34	27	17	28	34	30	25	21	24	16	25.4
	MIN	12	0	5	15	10	9	12	-7	0	1	0	15	15	-3	-9	18	22	18	30	27	19	18	17	9	5	21	24	10	0	10	-1	10.3
ASKASKIA R NAV LOCK	MAX	33	21	11	27	28	15	18	21	16	30	16	18	35	35	8	25	41	44	36	39	36	28	33	36	22	30	31	30	23	28	25	27.1
	MIN	21	-1	-2	0	12	8	9	-8	-7	3	-1	5	16	1	-9	-1	22	18	19	32	25	17	24	10	7	9	24	19	0	2	5	9.0
ARION 4 NNE	MAX	36	24	10	24	28	18	19	22	11	28	18	20	38	38	8	28	42	43	33	41	38	28	33	40	21	27	33	29	24	21	22	27.3
	MIN	23	2	1	4	15	10	11	-3	-8	2	3	4	19	7	-8	-8	19	17	17	32	24	22	24	10	8	9	24	20	3	4	7	10.1
ASHVILLE 4 NE	MAX	32	12	20	20	17	16	18	16	25	19	11	30	36	25	19	36	39	34	37	38	33	31	36	34	24	32	30	25	19	21	17	25.9
	MIN	12	-2	1	12	10	4	14	-6	-1	3	0	10	24	0	-9	8	32	18	27	32	24	19	26	9	6	15	23	17	1	17	3	11.3
PARTA	MAX	32	15	25	24	18	18	19	15	30	20	12	33	36	21	18	39	42	36	39	40	32	33	36	35	29	33	31	28	22	23	19	27.5
	MIN	15	-1	1	12	11	6	15	-6	4	3	2	11	21	1	-7	17	33	18	28	32	24	18	27	10	7	18	24	17	1	12	5	12.2
ATERLOO	MAX	32	14	10	24	22	12	18	20	20	30	14	23	35	32	8	37	43	42	35	38	35	28	36	34	22	32	34	29	24	26	22	26.8
	MIN	13	-3	-1	8	9	3	5	-5	1	0	2	8	22	-3	-12	7	23	15	28	33	24	20	27	7	5	17	23	15	0	10	4	9.8
. . .																																	
SOUTHEAST 09																																	
LBION	MAX	45	20	22	22	21	19	21	19	25	24	12	32	38	38	14	36	43	39	35	38	37	30	38	38	26	32	30	28	22	22	25	28.7
	MIN	19	-1	0	12	11	10	16	-4	0	2	1	9	27	4	-7	14	33	18	25	28	25	19	22	12	7	13	24	20	5	4	8	12.1
ROOKPORT DAM 52	MAX	47	20	25	35	31	23	26	22	31	29	21	40	42	37	26	40	47	40	46	46	35	34	39	41	31	35	34	33	28	31	26	33.6
	MIN	17	2	3	13	18	14	18	2	5	5	0	16	32	8	-2	22	32	19	30	33	24	20	22	14	11	17	24	22	7	11	12	15.2
IXON SPRINGS AGR C	MAX	42	18	22	30	27	19	23	22	27	27	19	40	40	39	21	40	45	45	40	44	34	34	40	38	30	34	34	29	30	28	24	31.8
	MIN	14	2	0	10	16	13	17	0	2	8	4	15	35	8	-5	21	35	19	29	33	26	18	27	13	10	19	26	22	7	13	11	15.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FAIRFIELD RADIO WFIW	MAX	39	17	21	21	19	17	20	17	25	20	12	33	36	36	15	37	41	36	34	36	34	29	36	34	25	30	30	27	22	20	17	27.0
	MIN	17	-1	1	13	12	8	14	-3	-7	-5	0	8	25	2	-8	15	34	16	29	33	25	24	25	12	7	19	24	22	14	3	6	12.4
HARRISBURG	MAX	36	20	25	27	23	18	22	18	30	27	15	38	42	35	23	43	44	38	39	38	34	36	42	40	29	32	32	28	23	23	22	30.4
	MIN	19	3	5	14	15	13	13	-2	-5	5	2	13	31	5	-10	21	35	20	28	33	25	19	26	12	10	17	26	20	2	9	9	14.0
MC LEANSBORO 2 ENE	MAX	42	23	8	22	23	18	17	20	9	27	15	19	34	38	7	25	41	42	31	38	35	28	31	37	19	28	30	29	22	21	22	25.8
	MIN	23	0	0	3	13	10	10	-4	-6	3	0	1	18	4	-11	-9	21	16	16	31	25	18	25	14	9	9	22	20	1	1	8	9.4
MT CARMEL	MAX	49	32	9	21	22	19	19	21	10	25	15	18	35	38	14	26	41	43	30	38	37	31	28	38	24	26	30	29	26	18	22	26.9
	MIN	30	0	0	4	13	11	10	-2	-6	6	0	1	17	12	-7	-4	16	18	20	27	27	18	23	23	8	8	18	22	5	4	9	10.7
MT VERNON 3 NE	MAX	35	15	22	24	17	20	19	14	20	14	11	34	37	25	19	33	42	38	35	36	37	35	37	32	24	30	29	25	21	20	16	26.3
	MIN	14	-3	-1	12	10	7	10	-6	-2	-6	-1	9	23	6	-13	8	19	14	24	26	26	26	31	9	6	8	21	18	0	3	4	9.7
REND LAKE DAM	MAX	35	24	10	24	24	18	19	16	10	29	17	20	36	39	7	27	43	44	33	38	37	29	35	38	21	29	33	28	23	22	24	26.8
	MIN	23	0	1	3	13	9	10	-4	-3	2	1	4	19	4	-7	-2	21	18	19	32	24	19	24	11	8	9	24	20	2	4	6	10.1
ROSICLARE	MAX	42	19	24	30	24	20	23	20	30	29	19	38	41	36	24	41	47	40	37	44	36	34	41	39	32	34	33	30	29	32	23	32.0
	MIN	18	2	3	14	18	14	18	2	0	10	4	19	34	6	-5	22	35	18	29	34	25	18	18	14	7	17	26	22	6	13	11	15.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BANA	(IN)																																	
	4	MAX	33	33	34	32	31	30	29	30	30	28	27	27	29	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	32	30.6
		MIN	32	31	32	31	30	29	28	28	28	27	27	26	27	28	30	29	29	30	30	30	30	30	31	31	31	31	31	31	31	31	30	29.7
	8	MAX	37	37	37	37	37	37	36	35	34	34	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	33	33	33	33.5
		MIN	37	37	37	37	37	36	35	34	34	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	33	33	33.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
DIXON	SNOWFALL	12.1	.8										1.5	6.2	11.5		1.2	T		3.8	.4	T	T		5.3	1.3			1.6			.8
	SN ON GND	18	17	17	17	17	16	16	16	16	16	16	17	23	33	31	33	31	31	33	29	28	28	28	32	31	31	30	31	31	30	30
FREEPORT WASTE WTR PLT	SNOWFALL	8.5	.5										2.0	3.8	9.5		2.0	T		3.0		1		T	4.0	T			1.8			.5
	SN ON GND	16	17	17	16	16	16	16	16	16	16	16	18	22	31	30	32	30	30	33	31	31	30	25	29	27	25	21	22	21	20	20
GALENA 1 N	SNOWFALL	T											2.0	6.0	6.0		2.0			2.0		T	T		1.0	3.0		1.0	2.0		.5	
	SN ON GND	8	8	8	8	7	7	7	7	7	7	7	9	15	21	20	21	19	15	16	15	14	14	14	15	17	15	15	16	15	16	16
GALVA	SNOWFALL	8.0	.5			.5							1.0	8.0	10.0		T			1.0	T	T	T		2.5				1.0		T	1.0
	SN ON GND	15	15	14	13	13	12	12	12	12	12	12	13	22	30	30	30	29	29	29	26	24	24	24	26	26	26	25	26	26	26	27
MOLINE WSO AP	SNOWFALL	1.0			T	.2						1.3	2.3	14.8	T	.4	T		1.0	2.4	T	T		2.2	.2		T	.3	.2	T	.3	.1
	SN ON GND	10	11	11	11	11	11	11	11	11	11	11	12	17	28	28	28	28	28	28	27	26	26	20	20	20	18	17	17	17	16	16
	WTR EQUIV	1.0	1.1	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.5	2.5	3.2	3.3	3.8	4.0	3.4	4.0	4.0	3.9	3.0	2.8	3.1	3.1	3.0	2.8	2.7	2.7	2.9	4.1
MORRISON	SNOWFALL	9.0	.2										2.0	5.0	10.0		.6			3.0		T			2.0			T	.4			.3
	SN ON GND	16	16	16	16	16	16	16	16	16	16	16	18	23	32	32	32	32	32	34	32	32	32	32	34	34	34	33	33	32	32	32
PAW PAW	SNOWFALL	7.0	1.0										1.0	3.0	8.0		T	T		2.0	1.0	T			6.0	T			2.0			.5
	SN ON GND	21	22	22	22	22	22	18	15	15	15	15	16	19	27	27	27	27	27	29	25	20	16	16	22	22	22	22	24	24	19	18
ROCKFORD WSO AP	SNOWFALL	.7							T	T		.8	2.0	9.5	T	3.2	T	T		4.0	.1	T	T	3.1	1.2		T	1.0	T	T	.3	.2
	SN ON GND	15	16	15	15	15	15	15	15	15	15	15	16	20	25	25	27	24	23	26	24	24	23	21	24	24	22	22	23	22	21	21
	WTR EQUIV	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.9	3.7	3.6	3.6	3.6	4.0	4.1	4.1	4.6	4.7	5.1	5.5	5.3	5.3	5.4	5.4	5.4	5.4
WALNUT	SNOWFALL	T				1.5							1.0	18.0	3.0					2.1	T	T		2.0				1.0	1.5		T	1.8
	SN ON GND	16	16	16	14	15	13	13	13	12	12	12	13	25	28	28	28	28	28	30	30	28	28	23	23	23	19	20	21	21	21	23
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL	11.0	.3								T		2.5	6.0	8.0		4.0	.5		3.0	1.0				5.0	3.0		1.0	1.3	T		.5
	SN ON GND	19	19	19	19	19	19	19	19	19	19	19	21	27	35	35	39	34	30	33	22	22	20	20	25	28	28	27	27	26	24	24
AURORA	SNOWFALL	4.4	.1										1.5	4.0	5.5	T	1.6	.6		2.4		T			5.5	T			1.6			.4
	SN ON GND	12	12	12	12	12	12	12	12	12	11	10	12	16	21	20	21	22	22	24	19	19	18	18	24	23	23	23	25	24	24	25
CHICAGO O'HARE WSO AP	SNOWFALL	.8								T		.2	2.6	15.3	.6	1.6	.2	1.2	T	1.2		T		2.0	6.9		T	.9	.2		.2	.4
	SN ON GND	14	15	13	12	12	11	10	10	9	9	9	9	14	28	25	25	24	23	23	22	19	19	18	26	27	22	22	23	22	19	19
	WTR EQUIV	2.5	2.6	2.1	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8	2.1	2.6	3.5	3.5	3.7	3.8	3.8	3.9	4.1	4.1	4.1	4.1	4.8	4.5	4.3	4.3	4.5	4.0	3.9	3.9
CHICAGO MIDWAY WSO AP	SNOWFALL	.9								T		.3	1.9	16.5	2.3	2.0	.3	2.3	T	1.2		.1	T	2.1	5.2		.1	4.2	.1		.7	.2
	SN ON GND	11	10	10	9	9	9	9	9	9	9	9	9	14	29	26	27	27	26	26	26	24	23	21	24	27	26	26	27	27	27	27
	WTR EQUIV	2.3	2.0	1.3	2.0	1.7	1.7	1.8	2.1	2.0	1.9	1.8	2.0	2.7	4.3	4.6	4.1	4.0	4.8	5.0	5.0	4.8	5.1	5.0	4.9	5.1	5.4	5.2	5.6	6.1	6.2	6.3
DE KALB	SNOWFALL	1.5										.4	1.7	15.6		1.0	.3	.3		2.2			T	5.0	.5			.4	.4		.3	
	SN ON GND	18	17	16	16	16	15	15	15	15	15	15	16	27	27	28	27	27	26	28	27	26	24	25	29	28	28	28	28	27	26	25
MORRIS	SNOWFALL	7.0	T			T							.5	5.0	8.0		1.0	1.0		2.0			T		4.5	.5			2.0			.6
	SN ON GND	12	12	12	12	12	12	12	12	12	12	12	12	17	25	25	26	27	27	29	28	28	27	27	31	32	32	32	34	34	34	30
OTTAWA	SNOWFALL	3.0				T							.8	12.0	1.5	.8		1.3		2.0				.1	6.0			1.5	.5		T	1.0
	SN ON GND	13	13	13	13	13	13	13	13	13	13	13	14	26	27	28	28	26	26	26	23	23	23	22	28	28	27	29	29	29	29	30
PARK FOREST	SNOWFALL	7.1	1.5										.8	2.0	8.0		1.5	1.5		1.5		T	T		3.0	.4			3.0		.5	
	SN ON GND	-	6	6	5	5	5	5	5	5	5	5	5	6	13	13	13	16	14	12	12	11	11	11	12	13	13	13	15	15	15	15
WEST 03																																
CANTON 1 ESE	SNOWFALL	4.0		T		T						T	1.0	9.0	3.0					T	T			1.0	4.0		1.0	2.5	.5	T	1.0	.5
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	9	18	21	21	21	21	21	21	21	21	21	22	26	26	27	30	30	30	31	32
LA HARPE	SNOWFALL	5.0			T	1.0							1.0	6.0	7.0					1.0	T	T			2.0			T		T	1.0	1.0
	SN ON GND	8	8	8	8	9	9	9	9	8	8	8	9	15	22	22	21	20	20	20	18	18	17	17	19	19	18	18	18	18	19	20
MONMOUTH	SNOWFALL	1.7				.5						1.2		13.0	1.0									1.0				T	.5		T	1.7
	SN ON GND	10	10	10	10	10	10	10	10	10	10	11	11	24	25	25	24	23	22	20	20	19	18	18	18	18	18	17	17	17	17	17
QUINCY FAA AP	SNOWFALL	2.2			1.0	1.3					T	1.1	T	8.0		T			T		T	T		1.4	T		.5	1.4	T	.1	2.5	T
	SN ON GND	8	8	8	8	11	11	11	11	11	11	8	8	13	17	17	16	16	16	14	9	9	9	8	10	10	10	10	11	11	11	14
CENTRAL 04																																
DECATUR	SNOWFALL	.5	2.5	T		.5	.5	.1	1.5				.5	.3	3.5					.2	T	T	T		5.0	1.5		1.7	5.7		T	1.0
	SN ON GND	1	3	3	3	4	4	4	6	6	6	6	7	7	9	9	9	7	7	7	7	7	6	6	10	12	12	14	19	16	15	16
FARMER CITY	SNOWFALL	1.0	1.0			2.0	T	T					1.0	1.0	3.0										6.0			6.0				1.0
	SN ON GND	2	2	2	2	4	4	4	4	4	4	4	5	6	9	9	9	9	9	9	-	-	-	-	15	-	-	18	18	-	-	19
LACON 2 E	SNOWFALL	2.0	T									T	1.5	5.5	T					4.0				1.0	3.0			3.3	.5		.5	
	SN ON GND	10	10	10	9	9	9	9	9	9	9	9	9	15	14	14	14	13	12	17	16	16	16	16	18	18	17	20	20	20	20	20
LINCOLN	SNOWFALL	-	2.0			1.0	1.0						1.0	1.0	5.0					T					3.0	T			4.0			1.0
	SN ON GND	-	2	2	2	3	4	4	4	4	4	4	5	6	11	11	11	9	7	6	4	4	4	4	7	7	7	7	11	11	11	12
NORMAL	SNOWFALL	2.5				.9	.2						1.3	7.5	.7							T	T		5.7			3.7	.3		T	1.8
	SN ON GND	3	3	3	3	4	4	4	4	4	4	4	5	12	13	13	13	12	12	11	10	10	10	9	15	15	15	19	20	20	19	21
PEORIA WSO AP	SNOWFALL	1.8			.3	.7						1.2	.3	12.2	T	.2	T	T	.1	.4	1	.1		2.0	.9			2.8	.3	T	1.2	.2
	SN ON GND	8	9	8	7	8	8	8	8	7	7	7	8	11	20	18	17	16	16	16	15	14	14	13	16	14	14	14	17	16	16	17
	WTR EQUIV	1.5	1.3	1.6	1.5	1.8	1.6	1.5	1.5	1.8	1.9	1.9	2.4	2.3	3.1	3.4	3.2	4.3	4.4	3.7	4.0	3.8	3.6	3.8	4.1	4.6	4.5	4.9	4.4	4.3	4.4	4.4
EAST 05																																
DANVILLE	SNOWFALL	1.5	.3			.9	T	.5					2.0		4.0										7.1			4.2	1.3		T	1.2
	SN ON GND	1	1	1	1	2	2	3	3	2	2	2	1		4	4	3	2	2	-	-	-	1	1	8	8		-	8	8	7	8
HOOPESTON 1 NE	SNOWFALL	T	1.0	T		.2	.4		T				T	.3	3.2					.2			T		3.4	.4			6.3			1.0
	SN ON GND	T	1	1	1	1	1	1	1	1	1	1	1	2	5	5	5	4	4	4	3	3	3	3	5	5	5	5	9	8	8	9
KANKAKEE WTR POLL CTR	SNOWFALL		1.0			T	T						1.0	13.0	3.0		1.0	T		1.0	T	T			3.0	2.0			3.0			1.0
	SN ON GND		1	1	1	1	1	1	1	1	1	1	2	15	15	15	16	16	15	16	16	16	16	16	19	21	21	21	24	24	24	25
PIPER CITY 3 SE	SNOWFALL	.4	1.2			.2	.5	.2					.4	2.5	7.0		.2	T		T			.2		3.0	3.0			4.8	T		3.0
	SN ON GND	1	2	2	2	2	3	3	3	3	3	3	3	6	13	13	13	13	13	13	12	12	12	12	15	18	18	18	23	23	23	26
PONTIAC	SNOWFALL	1.0	2.0			1.0	.5						1.0	4.0	8.0		.5			.5	T		T		6.0	2.0			3.0			1.0
	SN ON GND	1	3	3	3	4	4	4	4	4	3	3	4	7	14	14	14	14	13	13	13	13	12	11	15	17	16	16	19	18	18	18

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
URBANA	SNOWFALL	2.5	T		.4	1.2	.1	2.2				1.0	.4	4.3	.7	T				.5		T	T	3.0	4.4			6.0	T	T	1.3	.3
	SN ON GND	2	3	3	3	3	4	5	5	5	5	5	5	5	10	9	9	8	7	8	8	7	7	10	13	13	12	12	18	18	17	18
. . . WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL	1.1			T	2.2		2.0				1.0	.2	1.0	1.5					T		T		1.0	2.0		.3	6.0	T		1.0	.5
	SN ON GND	1	1	1	1	3	3	5	5	5	5	6	5	4	5	5	4	3	3	3	3	3	3	3	5	5	5	11	11	11	12	12
EDWARDSVILLE 1 NE	SNOWFALL	.2	.9			1.5	1.3	2.1	1.1				.8	T	3.2					T					3.2		T	3.8	2.5			1.8
	SN ON GND	1	1	1	1	2	4	5	7	6	5	5	6	3	7	6	6	3	2	2	2	1	1	1	4	4	3	6	8	7	7	8
GRIGGSVILLE	SNOWFALL	2.3	T			2.0	1.0						1.0	1.0	4.0					.3					1.5		T	1.0	3.0		T	1.0
	SN ON GND	4	4	4	4	6	7	7	7	7	7	7	8	8	12	12	12	12	11	11	10	10	10	10	11	11	11	12	15	15	15	16
JACKSONVILLE 2 E	SNOWFALL	1.5	1.5			1.5	.2						.5	.5	.4					1.9					2.0			2.0	4.5			2.0
	SN ON GND	3	5	5	4	6	6	4	4	4	3	3	4	4	8	8	8	7	5	5	4	3	3	3	4	4	4	6	10	9	8	9
PANA	SNOWFALL	.3	1.5			1.0	1.0	1.5	2.0				1.0		5.0					T			.2		5.5	.3		2.0	3.5	T	T	2.0
	SN ON GND	5	2	2	2	3	4	5	7	6	6	6	7	6	10	10	9	7	6	6	6	6	6	5	11	11	11	13	17	17	17	19
SPRINGFIELD WSO AP	SNOWFALL	.7	T		.7	1.4		.1				1.1	.1	3.7	T	T			T			T		.9	1.0		T	4.7	T	T	1.4	.1
	SN ON GND	2	3	3	2	3	3	3	3	3	3	3	4	8	8	8	8	5	5	4	4	4	3	3	5	5	5	5	9	9	9	9
	WTR EQUIV	.3	.3	.2	.6	.9	.8	1.1	.9	1.0	.9	1.0	1.2	1.4	1.7	1.9	2.7	2.2	2.1	2.3	1.9	1.6	1.6	1.6	1.9	1.8	1.9	2.3	2.3	1.8	1.8	2.0
WHITE HALL 1 E	SNOWFALL					1.5						1.5		2.5	1.5										2.5		.5	-			T	
	SN ON GND					2	-	-	-	-	-	3	-	6	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. . . EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL	T	.8			1.0		1.5	.5				.5		.5					T		1.0	T		3.0	T		2.0	1.0			1.0
	SN ON GND	T	1	1	1	1	1	3	3	3	3	3	4	3	4	4	3	2	1	1	T	1	1	1	3	3	3	4	4	4	4	5
OLNEY 2 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS WATERWORKS	SNOWFALL	1.0	.2			3.0	T	2.0				T	1.0	.5	3.5					T		4.5			6.0			7.0	1.5		.3	1.0
	SN ON GND	-	3	3	3	6	6	8	8	8	8	8	9	9	13	13	13	11	11	10	10	15	15	15	21	21	21	28	29	29	30	30
SALEM	SNOWFALL	.8				2.0	T	.5				.3	T	1.0	.3					T		1.0		T	4.0		T	3.0	2.0		.2	1.8
	SN ON GND	1	1	1	1	3	3	4	4	4	4	4	4	5	5	5	4	T	T			1	1	T	4	4	4	7	9	9	9	11
TUSCOLA	SNOWFALL	1.0	1.0			1.5	T	1.0					.5		4.5					T		.2		T	7.0			8.0			T	2.0
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	SNOWFALL	1.5	T		T	3.5	T	1.5				.5	.5	1.0	4.0						T	T		.5	6.0			6.0			.5	2.0
	SN ON GND	2	1	1	1	5	4	5	5	4	3	3	3	4	7	7	5	2	2	2	2	2	1	1	6	6	6	12	12	12	13	14
. . . SOUTHWEST 08																																
ANNA 1 E	SNOWFALL	.2	T			3.0	2.0	2.0					T									3.0			2.7			3.0			.2	.3
	SN ON GND	T	T	T		3	5	6	6	6	5	5	3	3	3	3	2	2	1			3	2	T	2	1	1	4	4	4	3	4
BELLEVILLE SO ILL UNIV	SNOWFALL	.5	T			3.0			1.5			T		1.5	.5									T	4.0		1.0	8.0			.5	2.0
	SN ON GND	1	1	1	1	3	3	3	5	4	4	4	4	6	6	6	5	2	2	1	T	T	T	T	4	4	5	12	12	12	13	15
CAIRO WSO CI	SNOWFALL	.3			T	2.6	1.9	1.3				T	T		T						2.1	.4		.8	.9			1.9			.2	
	SN ON GND	T	T	T		2	3	5	5	5	4	4	3	2	2	2	2	1	T			2	2	1	2	1	T	2	2	1	1	1
CARBONDALE SEWAGE PL	SNOWFALL	T	.3	T		2.0	.3	6.5	1.5				T	T	.5					T		2.0			2.0	T		4.5	.5	T		.5
	SN ON GND	T	T	T	T	2	2	9	10	10	9	9	9	5	4	4	4	1	T	T	T	2	2	1	2	2	2	6	6	6	6	6
NASHVILLE 4 NE	SNOWFALL	.2	.7			1.8	1.5	1.3	.3						.9					.2		1.4			4.8			5.1	2.3			1.8
	SN ON GND	T	1	1	T	2	3	4	4	4	4	4	4	4	4	4	3	2	T	T	T	1	1	1	5	5	5	9	11	11	10	12
SPARTA	SNOWFALL	T	.1			3.5	.3	1.3						.7	.2					.2	.1	1.7			3.0		.5	8.0			.8	.8
	SN ON GND	1	1	1	1	4	3	4	4	3	3	3	3	3	3	3	3					1	1		3	2	2	9	8	6	7	6
. . . SOUTHEAST 09																																
ALBION	SNOWFALL					2.0	.5	6.0												T		1.5			2.0			6.0				1.0
	SN ON GND					2	2	8	8	6	5	4	4									1	1		2	2	1	7	7	5	5	5
BROOKPORT DAM 52	SNOWFALL		T	T		1.0	.8		2.8													3.0				.5		.8				.5
	SN ON GND		T	T		1	2	1	4	4	4	3	3	2	1	1	1					3	2	1	T	1	T	1	1	1	1	1
DIXON SPRINGS AGR C	SNOWFALL	.1				2.9	1.5	.5														1.6			1.1			2.5	T			T
	SN ON GND					3	4	4	4	4	4	4	3	2	2	2	1					2	1		1			3	3	2	2	2
GOLCONDA DAM 51	SNOWFALL					1.0	1.5	4.0							T	T						1.5	2.5			1.5		1.0	2.5			T
	SN ON GND					1	2	6	5	4	4	3	3	2	2	1	1	T				2	2	1	T	1	T	1	3	3	2	2
HARRISBURG	SNOWFALL	.5	T			3.0	2.0	4.0							T							4.0			1.0			4.0	T		T	.5
	SN ON GND	1	1	1	1	4	5	9	9	8	7	7	6	5	5	5	4	T				4	3	1	1	1	1	5	5	5	5	5
MC LEANSBORO 2 ENE	SNOWFALL	.2	.2	T		1.8	.8	4.0	.5				T	T	.5					.2	.1	1.0	.1		.5	.1		4.2	1.0			.5
	SN ON GND	T	1	T	T	2	3	7	7	7	7	7	7	4	4	4	3	1	T	T	T	1	1	1	1	1	1	5	6	6	6	6
MT VERNON 3 NE	SNOWFALL	1.0	T			4.0	T	2.5				T			2.0	T						2.5			5.0	1.0	4.5	3.0	.5			
	SN ON GND	1	1	1	1	5	5	6	6	6	6	6	4	3	5	5	4	1	T	T	T	3	1		5	6	11	13	14	14	14	14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALBION	0055	09	EDWARDS	7	38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER	4	41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE	1	41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		8A			NORMAN O MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSO AP R	1577	02	COOK	3	41 47	87 45	627	MID	MID		C HJ	NATL WEATHER SERVICE
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL	3	41 27	87 38	664				C	VILLAGE OF CRETE
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON	1	39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE	6	41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE	1	42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WF1W	2931	09	WAYNE	7	38 23	88 19	425	5P	5P			RADIO STATION WF1W
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY	1	41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE !	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY	6	41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655		7A			ROBERT O PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		7A			WILBUR O CHURCH
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD 1 S	3666	06	GREENE	1	39 20	90 12	550				C	WILLIAM C MENG
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		7A		C	CITY DISPOSAL PLANT
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	7A	7A		C H	JERRY SYMONS
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	7A	7A			JAMES L SAMPSON
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL	4	42 06	89 50	870				C	BOYCE O HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON	1	40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES	7	39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	7A	7A			ROBERT O QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY	1	41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	7A	7A		H	CITY OF MORRISON
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL	4	42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	645		7A			JOSEPH M DUDO
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE	6	42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS I N	6605	07	EDGAR	7	39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE	1	41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL	I	41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE	I	41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION	2	38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	640				C	MERLE E LASH
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	MID	MID	7A	C GH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 2 NW	8781	07	FAYETTE	2	38 59	89 07	540	7A	7A		C	KEN C RITTER
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS	1	39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL	I	40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE	4	38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL	1	41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX	1	40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

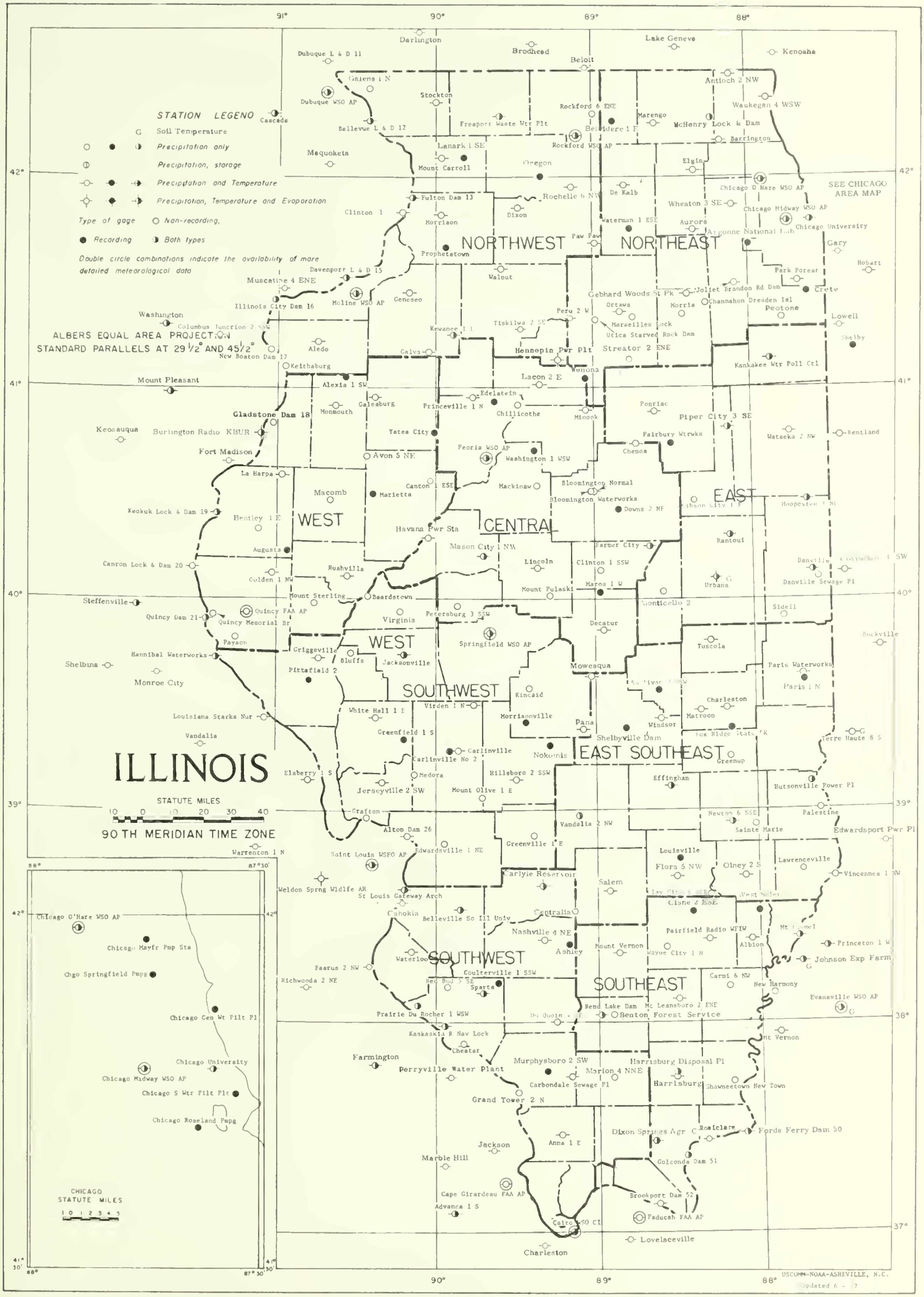
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.10 per year for each section including annual summary; $8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of $2.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Beloit
Lake Geneva
Kenosha
Dubuque L & D 11
Galena 1 N
Dubuque WSO AP
Stockton
Cascade
Bellevue L & D 12
Freeport Waste Wtr Plt
Rockford 6 ENE
Rockford WSO AP
Belvidere 1 E
Marengo
McHenry Lock & Dam
Antioch 2 NW
Waukegan 4 WSW
Barrington
Maquoketa
Lanark 1 SE
Mount Carroll
Oregon
Elgin
Chicago O Hare WSO AP
Chicago Midway WSO AP
Chicago University
Fulton Dam 13
Rochelle 6 NW
De Kalb
Wheaton 3 SE
Aurora
Argonne National Lab
Clinton 1
Morrison
Dixon
Waterman 1 ESE
Paw Paw
Gary
Prophetstown
Walnut
Hobart
Davenport L & D 15
Muscatine 4 ENE
Moline WSO AP
Geneseo
Park Forest
Crete
Joliet Brandon Rd Dam
Channahon Dresden Isl
Gebhard Woods St Pk
Illinois City Dam 16
Ottawa
Morris
Peotone
Peru 2 W
Marseilles Lock
Utica Starved Rock Dam
Lowell
Washington
Columbus Junction 2 SSW
Tiskilwa 2 SE
Kewanee 1 E
Shelby
Aledo
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Kankakee Wtr Poll Ctl
Keithsburg
Wenona
Alexis 1 SW
Lacon 2 E
Mount Pleasant
Edelstein
Galesburg
Princeville 1 N
Monmouth
Chillicothe
Minonk
Pontiac
Piper City 3 SE
Keosauqua
Gladstone Dam 18
Burlington Radio KBUR
Yates City
Fairbury Wtrwks
Watseka 2 NW
Kentland
Fort Madison
Avon 5 NE
Peoria WSO AP
Washington 1 WSW
Chenoa
La Harpe
Canton 1 ESE
Mackinaw
Bloomington Normal
Bloomington Waterworks
Macomb
Marietta
Gibson City 1 E
Hoopeston 1 NE
Keokuk Lock & Dam 19
Bentley 1 E
Downs 2 NE
Havana Pwr Sta
Augusta
Mason City 1 NW
Farmer City
Rantoul
Canton Lock & Dam 20
Rushville
Lincoln
Clinton 1 SSW
Danville
Golden 1 NW
Mount Sterling
Urbana
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
Steffenville
Beardstown
Monticello 2
Sidell
Quincy Dam 21
Quincy FAA AP
Quincy Memorial Br
Virginia
Petersburg 3 SSW
Decatur
Payson
Springfield WSO AP
Rockville
Griggsville
Jacksonville
Tuscola
Hannibal Waterworks
Bluffs
Moweaqua
Paris Waterworks
Shelbina
Pittsfield 2
Sullivan
Paris 1 N
Monroe City
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Mattoon
Louisiana Starks Nur
Morrisonville
Pana
Windsor
Fox Ridge State PK
Greenfield 1 S
Shelbyville Dam
Terre Haute 8 S
Vandalia
Carlinville
Nokomis
Greenup
Carlinville No 2
Elsberry 1 S
Medora
Hillsboro 2 SSW
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
Grafton
Vandalia 2 NW
Newton 6 SSE
Palestine
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Warrenton 1 N
Saint Louis WSFO AP
Edwardsville 1 NE
Greenville 1 E
Louisville
Flora 5 NW
Olney 2 S
Lawrenceville
Vincennes 1 NW
Weldon Sprng Wldlfe AR
Carlyle Reservoir
Salem
St Louis Gateway Arch
Clay City
West Salem
Cahokia
Belleville So Ill Univ
Centralia
Cisne 2 ESE
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Ashley
Mount Vernon
Albion
Johnson Exp Farm
Waterloo
Wayne City 1 N
Fearus 2 NW
Coulterville 1 SSW
Richwoods 2 NE
Red Bud 5 SE
Sparta
Carmi 6 NW
New Harmony
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Fords Ferry Dam 50
Jackson
Anna 1 E
Golconda Dam 51
Marble Hill
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Cairo WSO CI
Paducah FAA AP
Lovelaceville
Charleston
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6-77
88°
87°30'
42°
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
1 0 1 2 3 4 5

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

THIRD CLASS
BULK RATE

214/12 84

FEBRUARY 1979 VOLUME 84 NUMBER 2

Climatological Data

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	KASKASKIA R NAV LOCK	66	DATE 24
LOWEST TEMPERATURE:	MOUNT CARROLL	-28	DATE 05
GREATEST TOTAL PRECIPITATION:	ANNA 1 E	7.19	
LEAST TOTAL PRECIPITATION:	PIPER CITY 3 SE	.55	
GREATEST 1 DAY PRECIPITATION:	ANNA 1 E	3.79	DATE 25
GREATEST TOTAL SNOWFALL:	MARION 4 NNE	26.5	
GREATEST DEPTH OF SNOW OR ICE:	CHANNAHON DRESDEN ISL	38	DATE 13+

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME CENTRAL 00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	43	NE	25	-	-	-	-	1	5	2	4	1	0	13	37	-
CHICAGO O HARE WSO AP	31	0.9	12.4	33++	2	25	76	76	72	72	9	6	4	0	0	0	19	-	6.9
CHICAGO MIDWAY WSO AP	30	0.3	10.8	39	N	25	75	75	73	72	9	3	5	0	0	0	17	41	7.0
MOLINE WSO AP	2	1.1	9.9	31	W	21	71	72	64	67	7	4	4	0	0	0	15	43	6.6
PEORIA WSO AP	3	1.4	10.7	27	N	25	76	76	71	72	6	3	5	0	0	0	14	50	7.1
ROCKFORD WSO AP	5	1.5	10.7	32++	27	21	76	78	67	70	9	7	4	0	0	0	20	-	6.6
SPRINGFIELD WSO AP	3	1.1	11.5	35	N	25	79	81	74	79	6	4	2	1	0	0	13	46	7.3

CLEMSON UNIVERSITY LIBRARY
MAY 7 1979
SCI. TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
• • • NORTHWEST 01																							
ALEDO	24.6	7.3	16.0	-11.1	39	28+	-17	9+	1367	0	19	28	10	.97	- .27	.63	21	4.0			2	1	0
DIXON	22.1	2.9	12.5	-13.4	40	28+	-20	5	1466	0	22	28	13	1.11	- .15	.59	21	9.6	30	1	3	1	0
FREEPORT WASTE WTR PLT	21.5	1.2	11.4		40	28	-17	9+	1500	0	23	28	14	.96		.32	21	10.1	23	12	4	0	0
FULTON DAM 13	21.9	.9	11.4	-14.2	38	23	-20	6+	1497	0	23	28	13	.82	- .28	.33	21	6.5	21	2+	4	0	0
GALVA	21.0	3.0	12.0	-15.1	40	23	-19	5	1479	0	22	28	13	1.30	- .04	.53	21	5.0	26	1	3	2	0
GENESEO	22.0	5.6	13.8		39	23	-16	9+	1430	0	21	28	11	.74	- .45	.24	21	5.2	19	18+	3	0	0
HENNEPIN POWER PLANT	22.7	3.9	13.3		42	24	-20	9	1442	0	22	28	10			.50	23		30	2+		1	0
KEWANEE 1 E																							
MOLINE WSO AP R	22.4	3.9	13.2	-12.5	40	23	-25	9	1445	0	20	28	11	1.02	- .27	.28	20	4.5	17	12+	4	0	0
MORRISON	23.2	3.9	13.6	-12.8	39	28+	-21	5	1435	0	22	28	11	0 1.00	- .28	.38	21	8.2	36	19+	5	0	0
MOUNT CARROLL	20.9	- 1.2	9.9	-15.1	38	28+	-28	5	1541	0	23	28	14	1.13	- .02	.48	21	10.6	33	13+	3	0	0
PAW PAW	20.2	.9	10.6		38	24+	-20	6	1521	0	23	28	13	.79	- .62	.33	21	8.0	23	20+	3	0	0
ROCHELLE	20.5	- .1	10.2		40	23	-24	6+	1531	0	23	28	13	1.41		.55	21	9.0	26	1	5	1	0
ROCKFORD WSO AP //R	21.6	4.1	12.9	-11.1	39	23	-21	5	1458	0	22	28	12	1.18	- .11	.29	21	12.2	25	21	4	0	0
STOCKTON 1 N	20.5M	- .6	10.0M		38	28	-22	5	1533	0	24	28	17	1.27		.40	21	11.5			5	0	0
TISKILWA 2 SE	24.5	6.0	15.3		42	27+	-18	5	1384	0	21	27	11	.86	- .52	.42	21	4.2	27	1	4	0	0
WALNUT	22.4	6.5	14.5	-12.2	41	23	-20	5	1411	0	22	28	10	1.11	- .15	.42	21	6.5	22	19+	6	0	0
DIVISION			12.5	-13.2										1.04	- .19			7.7					
• • • NORTHEAST 02																							
ANTIOCH 2 NW	23.4	1.7	12.6	-12.1	45	28	-17	6	1462	0	22	28	12	1.28	.02	.35	12	16.0	28	13	5	0	0
AURORA	23.5	4.4	14.0	-11.6	42	28	-19	5	1424	0	21	28	12	1.14	- .35	.31	21	7.2	26	20+	5	0	0
BARRINGTON	22.4	3.8	13.1		42	28	-19	6	1446	0	22	28	13	.86		.40	12	10.5	24	12	4	0	0
CHICAGO O'HARE WSO AP R	23.4	9.0	16.2	- 9.9	42	28	-14	5	1360	0	21	28	9	1.02	- .28	.23	21	6.8	19	20+	4	0	0
CHICAGO UNIVERSITY //	26.9	12.6	19.8	- 8.4	45	23	- 9	5	1262	0	21	28	7	1.55	- .01	.70	12				5	1	0
CHICAGO MIDWAY WSO AP //R	23.8	9.5	16.7	-10.7	42	28+	-17	5	1345	0	21	28	8	1.11	- .48	.26	18+	8.8	26	3+	5	0	0
DE KALB	22.8	7.2	15.0	- 9.6	41	28	-17	5	1396	0	20	27	9	1.40	.07	.44	21	8.8	27	15+	4	0	0
ELGIN	21.3	3.1	12.2		41	24	-20	5	1474	0	22	28	14	0 1.06	- .31	.38	21	9.8			3	0	0
GEBHARD WOODS ST PARK	22.7	3.4	13.1		42	23	-17	9+	1447	0	22	28	12			.26	23	7.4	26	20+		0	0
JOLIET BRANDON RD DAM	23.4	3.6	13.5	-13.8	42	23	-20	6+	1436	0	21	28	13	1.05	- .48	.50	21				3	1	0
MARENGO	23.4	5.8	14.6	- 9.5	40	27+	-20	5	1406	0	22	28	9	1.11	- .20	.38	12				5	0	0
OTTAWA	26.1M	8.5M	17.3M	-11.1	42	28	-17	5	1340	0	18	27	8	1.18	- .27	.46	21	6.3	30	1	5	0	0
PARK FOREST	23.5	5.8M	14.7M		44	23	-17	5	1405	0	22	28	11	.70	- .94	.23	12	9.3	19	14+	4	0	0
PERU 2 W	23.6	3.4	13.5	-14.3	38	28+	-21	5	1438	0	22	28	13	1.48	.05	.67	21				4	1	0
WAUKEGAN	22.4	4.1	13.3	-12.3	41	24+	-17	6	1445	0	23	28	10			.30	23	10.0	26	19+		0	0
WHEATON 3 SE																							
DIVISION			14.6	-12.0										1.15	- .30			9.2					
• • • WEST 03																							
GALESBURG	23.2	5.6	14.4		41	23	-19	9	1411	0	20	28	11	1.21	- .23	.50	21	3.3	24	10+	3	1	0
GOLDEN 1 NW	27.9	9.3	18.6		49	23	-20	9	1292	0	15	28	10	0 .95	- .57	.50	21	2.5	19	10+	2	1	0
LA HARPE	26.9	6.1	16.5	-12.4	42	27+	-20	9	1354	0	17	27	11	.84	- .54	.34	21	5.0	20	10+	3	0	0
MONMOUTH	26.3	7.3	16.8	-11.1	41	27+	-17	9	1346	0	19	28	11	.87	- .66	.42	21	3.7	17	10+	3	0	0
QUINCY FAA AP	26.1	9.4	17.8		48	23	-16	9	1317	0	19	28	8	1.52	.08	.50	20	3.8	14	3+	5	1	0
QUINCY DAM 21 //	26.3	6.9	16.6		49	23	-17	10	1350	0	17	27	10	.77	- .68	.44	21	2.5	20	14+	2	0	0
RUSHVILLE	27.4M	9.1M	18.3M	-12.2	44	23	-20	9	1301	0	16	25	9	1.58	- .02	.62	21	3.5	24	10+	3	2	0
DIVISION			17.0	-12.6										1.11	- .36			3.5					
• • • CENTRAL 04																							
CHENOA	27.0	4.7M	15.9M		42	23	-18	19+	1371	0	18	27	14	.77		.38	21	3.2	16	18+	3	0	0
DECATUR	28.6	8.8	18.7	-13.0	47	23	-16	9+	1292	0	18	27	11	.84	- 1.24	.41	21	7.8	20	11+	3	0	0
FARMER CITY	25.5	7.4	16.5		45	23	-18	5	1354	0	18	27	11	.76		42	21	5.5	25	19+	3	0	0
HAVANA 4 NNE	24.1	4.8	14.5		40	28	-25	9	1409	0	19	28	12	1.67	.08	.76	23	7.0	21	19	3	2	0
LACON 2 E	26.5	6.8	16.7		45	27	-21	5	1349	0	18	27	10	1.06		.44	21	3.9	20	2+	4	0	0
LINCOLN	26.4	9.7	18.1	-12.4	40	23	-13	9	1311	0	18	27	11	.91	- .95	.62	21	4.5	13	14+	2	1	0
MASON CITY 1 NW	25.2M	8.8M	17.0M		43	23	-16	9+	1339	0	20	28	10	.93		.44	21	2.5	18	13+	3	0	0
MINONK	25.1	6.9	16.0	-11.7	43	24+	-22	5	1368	0	20	28	9					3.4					
NORMAL	26.3	8.0	17.2	-12.8	44	23	-18	9	1334	0	19	26	9	.83	- .81	.33	21	4.7	21	10+	4	0	0
PEORIA WSO AP //R	23.1	6.3	14.7	-13.0	42	23	-18	9	1403	0	19	28	10	1.37	- .13	.48	22	3.6	17	14+	5	0	0
PRINCEVILLE	22.1M	3.0M	12.6M		41	27	-22	5	1464	0	23	28	12									0	0
DIVISION			16.2	-13.3										1.02	- .60			4.6					
• • • EAST 05																							
DANVILLE	28.3	8.5	18.4	-12.5	49	23	-18	5	1300	0	17	26	10	1.10	- .90	.35	21	4.3	9	19+	4	0	0
HOOPESTON 1 NE	24.9	7.9	16.4	-13.1	45	23	-17	5	1350	0	20	27	10	.76	- 1.11	.41	21	3.0	10	20+	2	0	0
KANKAKEE WTR POLL CTR	23.3	1.9	12.6		44	23	-21	5	1461	0	22	28	15	.96		.38	21	7.0	30	16+	3	0	0
PIPER CITY 3 SE	22.9	6.5	14.7	-13.8	43	23	-19	5	1405	0	22	27	11	.55	- 1.05	.22	21	4.7	28	12+	1	0	0
PONTIAC	23.8	6.8	15.3	-13.6	40	27	-18	5	1386	0	19	27	11	1.10	- .33	.40	23	4.5	19	19	3	0	0
RANTOUL	25.5M	5.6M	15.6M		44	24	-14	5	1385	0	17	27	12			.73	21		22	9		1	0
URBANA	25.3	8.7	17.0	-13.3	44	23	-12	5	1337	0	18	28	9	1.27	- .75	.30	20	5.8	18	10+	6	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE									NO. OF DAYS				PRECIPITATION				SNOW, SLEET			NO. OF DAYS		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	23.1	1.6	12.4		44	24	-20	9	1472	0	21	28	12	.71	- 1.09	.31	21	3.3	14	20+	3	0	0
DIVISION			15.3	-13.9										.92	- .84			4.7					
* * * WEST SOUTHWEST 06																							
ALTON DAM 26	28.9	11.1	20.0		51	23	-11	9	1256	0	17	26	6	.97		.67	23		8	11+	3	1	0
CARLINVILLE	30.8	11.5	21.2	-11.7	51	23	-15	9	1222	0	13	26	7	1.08	- .94	.35	21	5.1	12	1	4	0	0
GRIGGSVILLE	27.7	9.2	18.5	-13.3	46	23	-16	9	1295	0	17	28	10	1.09	- .51	.58	21	6.5	21	11+	3	1	0
HILLSBORO	31.4	11.5	21.5	-12.3	45	23	-14	9	1215	0	13	26	7	1.38	- .83	.45	23+	7.3			3	0	0
JACKSONVILLE 2 E	24.6	5.8	15.2	-16.9	47	23	-15	10	1388	0	20	28	12			.42	21	4.5	10	11+		0	0
JERSEYVILLE 2 SW	27.3	9.1	18.2		50	23	-22	9	1305	0	17	27	9	1.10		.50	21		14	10+	3	1	0
PANA	28.2	11.1	19.7	-12.8	50	23	-11	9+	1263	0	17	26	8	1.29	- .92	.56	23	3.6	19	9+	3	1	0
SPRINGFIELD WSO AP A	25.7	8.4	17.1	-13.3	47	23	-20	9	1336	0	19	28	8	1.09	- .68	.54	20	4.6	10	11+	3	1	0
VIRDEN 1 N	27.8	8.8	18.3		49	23	-18	9	1302	0	18	27	9	1.19	- .88	.58	21	7.5	11	9	3	1	0
WHITE HALL 1 E	30.0	9.9	20.0	-13.1	48	23	-18	9	1255	0	16	26	9			.10	18+	2.7			2	0	0
DIVISION			19.0	-13.7										1.15	- .77			5.2					
* * * EAST SOUTHEAST 07																							
CHARLESTON	29.5	10.9	20.2	-12.2	49	23	-14	9	1248	0	15	27	9	0 1.66	- .38	.75	23		15	9	5	1	0
EFFINGHAM 3 W	27.4	7.1	17.3	-15.6	51	23	-13	10+	1331	0	17	27	9	1.69	- .50	1.12	23	6.5	16	11+	3	1	1
FLORA 5 NW	31.5	10.8	21.2	-13.6	59	23	-13	5	1220	0	13	25	8	4.09	1.42	1.76	25		8	10+			1
MATTOON	26.9	9.7	18.3		47	23	-11	9+	1303	0	18	28	10	1.67		.60	22	6.0	17	11+	5	1	0
MOWEAQUA	29.0	8.0M	18.5M		45	27	-12	19+	1304	0	18	26	9										0
NEWTON 6 SSE	28.2	7.3	17.8		52	24+	-14	5	1319	0	17	27	11	3.87	1.52	2.18	26	9.0	7	10+	5	2	1
OLNEY 2 S	32.5	11.8	22.2	-13.1	58	23	-13	19	1192	0	12	25	8	3.94	1.29	1.79	25				6	3	1
PALESTINE	31.5	11.6	21.6	-12.7	53	23	-12	9	1212	0	14	26	10	3.42	.84	1.25	25	11.5	10	9+	8	3	1
PARIS WATERWORKS	28.6	9.3	19.0	-12.9	50	23	-17	5	1282	0	16	26	10	1.42	- .87	.36	22	11.0	26	19+	5	0	0
SALEM	32.6	12.5	22.6		57	23	-10	9	1183	0	11	26	9	3.22		1.30	25	7.2	13	9+	6	3	1
TUSCOLA	28.2M	10.7M	19.5M		44	22	-16	5	1266	0	17	26	8			.51	20				6	1	0
VANDALIA 2 NW	28.0M	9.0M	18.5M		51	23	-12	9+	1298	0	17		7	1.81		1.33	23				2	1	1
WINDSOR	29.2	10.5	19.9	-12.1	47	23	-17	9	1259	0	16	26	9	1.30	- 1.03	.49	22	7.5	17	9+	4	0	0
DIVISION			19.7	-13.5										2.55	.19			8.4					
* * * SOUTHWEST 08																							
ANNA 1 E	36.6	17.0	26.8	-10.8	63	23	- 5	9	1064	0	10	25	2	7.19	3.74	3.79	25	23.6	20	25	8	3	3
BELLEVILLE SO ILL UNIV	33.1	13.5	23.3		55	23	-12	1	1160	0	12	25	7	1.93		.92	22	3.5	14	9+	4	1	0
CAHOKIA	31.4	13.2	22.3		55	23	-10	9	1191	0	15	26	5	2.57		2.10	23	3.4	8	11+	3	1	1
CAIRO WSO CI A	37.9	22.8	30.4	- 9.3	62	23+	3	9	965	0	8	21	0	4.84	1.07	1.07	23	5.5	3	9	7	5	1
CARBONDALE SEWAGE PL	36.1	12.6	24.4	-13.1	65	24	- 8	2	1133	0	11	25	6	6.30	3.21	2.88	25	15.7	12	27+	5	3	3
CARLYLE RESERVOIR	29.5	10.3M	19.9M	-14.8	58	24	-12	9	1248	0	17	27	8	0 2.30	- .11	1.48	23		14	10+	5	1	1
DU QUOIN 4 SE	34.4	14.3	24.4	-12.6	64	23	- 7	9	1132	0	10	25	6	4.52	1.63	2.44	25	8.5	9	9+	5	2	2
KASKASKIA R NAV LOCK	34.2	11.8	23.0		66	24	-11	9	1168	0	13	26	6	1.95		1.17	23	12.0	8	26	3	2	1
MARION 4 NNE	34.4	11.6	23.0		63	24	- 8	10+	1168	0	12	26	6	6.74	3.51	2.48	25	26.5	21	26	6	3	3
NASHVILLE 4 NE	32.2M	14.5M	23.4M		60	23	- 9	9	1167	0	12	25	3	3.47	.86	1.45	23	9.4	12	2+	5	2	2
SPARTA	35.6	16.8	26.2	-10.9	62	23	-10	9	1081	0	9	24	3	3.76	1.12	1.55	25	9.1	7	8	7	2	1
WATERLOO	33.6	14.6	24.1		58	23	-10	9	1136	0	13	26	3	1.91	- .36	1.50	23	1.1	7	1	3	1	1
DIVISION			24.3	-12.7										3.96	1.02			10.8					
* * * SOUTHEAST 09																							
ALBION	34.9	15.4	25.2		61	23	- 7	9	1107	0	12	23	3	2.99	.00	.85	22	9.5	5	1	6	4	0
BROOKPORT DAM 52	39.9	19.2	29.6		61	15	- 4	9	985	0	6	22	4	5.31	1.55	1.99	23	10.6	7	10+	6	2	2
DIXON SPRINGS AGR C	39.0	19.1	29.1		60	24+	- 7	9	996	0	7	23	1	5.37		2.22	25	12.0	6	26+	8	3	2
FAIRFIELD RADIO WFIW	32.6	14.0	23.3	-12.6	61	23	- 7	5	1162	0	13	25	8	3.32	.49	1.17	25	12.0	7	26+	5	3	1
HARRISBURG	37.3	17.2	27.3	-10.8	63	23	- 6	9	1053	0	10	23	4	5.57	2.42	2.80	25	18.0	12	26	7	3	2
MC LEANSBORO 2 ENE	33.0	11.1	22.1	-14.9	62	24	- 6	10+	1194	0	13	26	7	4.74	1.85	1.90	25	14.0	8	26	6	2	2
MT CARMEL	32.1	12.1	22.1		60	24	- 4	9+	1194	0	14	26	8	2.94		1.04	26	11.0	5	26	4	3	1
MT VERNON 3 NE	33.5	11.6	22.6	-13.0	52	22	-10	9	1183	0	12	25	7	0 3.64	1.06	1.49	23	12.5	14	1	6	2	1
REND LAKE DAM	33.6	13.2	23.4		63	24	- 8	9	1158	0	11	26	6	3.99									
ROSICLARE	39.5	18.0M	28.8M		63	23	- 4	9	1018	0	7	23	1	6.52	2.82	2.91	25	11.6	6	10+	9	3	2
DIVISION			25.4	-11.4										4.44	1.35			12.4					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	.97								.16							T			.03			.63	.07	.08					T			
DIXON	1.11		T		T				.05			.06	.21			T			T	.12		.59		.08								
FREEPORT WASTE WTR PLT	.86		.04					T	T			.13	.28			T	T	T	.02	.03		.32		.14								
FULTON DAM 13	.82		T						.08			.10	.15			T	.02			.10		.33		.04								
GALENA 1 N	1.00		.05					.03				.11	.23		T	.01			T	.03		.23		.31		T						
GALVA	1.30								.15	.03					T	.01	T	T	.02	.06		.53		.50								
GENESEO	.74			T					.12			T	.01		T	.01			.08		.14	.24	.09	T					.05			
HENNEPIN POWER PLANT	-			T				T	0 .10			T	.12				T		.01	.06		-		.50								
ILLINOIS CITY DAM 16 //	.84								.15	T		T			T	.01	.15		T	.01		.26		.26								
KEITHSBURG	.83				T				.18	.01				T	T	.01	T	T	T	.01		.47		.15								
KEWANEE 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MOLINE WSO AP R	1.02			T				T	.17		T	T	.01		T	.03	T		.07		.28	.23	.15	T					.08			
MORRISON	D 1.00		T						.08			.08	.12						.12	0 .12		.38	T	.10								
MOUNT CARROLL	1.13		.03						.06			.06	.25			T	T			.05		.48		.20								
NEW BOSTON DAM 17	.60	T			T				.15	.10			T		T	T	T	T	T	.01		.32	T	.02	T							
PAW PAW	.78				T				T			.01	.10							.05		.33		.30								
ROCHELLE	1.41		T		T				T			.10	.40	T						.18		.55		.18								
ROCKFORD 6 ENE	.83	T	.02						T	.01		.03	.25	T				T	T	.17		.32	T	.03								
ROCKFORD WSO AP //R	1.18	T	.04	T			T	T	T		.03	.27	.20	T	T	.01	T	T	.11		.08	.28	.04	.02					.09			
STOCKTON 1 N	1.27	.12							T			.18	.30		T	T	T			.08		.40		.19								
TISKILWA 2 SE	.86			T				T	.10				T		T	T	T		.10			.42	T	.22					.02			
WALNUT	1.11			T					.10			.10	.16			T			.16			.42	T	.17					T			
* * * NORTHEAST 02																																
ANTIOCH 2 NW	1.28			T				T	T			.20	.35	.10		T	T	T	T	.25		.30	.02	.06								
AURORA	1.14		.01					T	.02			.10	.24					T	T	.21		.31		.25								
BARRINGTON	.86		.02									.12	.40	.01		T	T	.01		.13		.14		.03								
CHANNAHON DRESDEN ISL	1.65							T	T	T		.08	.24	T			T	T	T	.10		.49		.73								
CHICAGO O'HARE WSO AP R	1.02		.01	T			T	T	T		.01	.13	.20	T	T	T	.02	T	.09		.05	.23	T	.22					.06			
CHICAGO UNIVERSITY //	1.55				.01			T	.02	.02		.13	.70		T	.02	.03		.06	.12		.32		.12								
CHICAGO MIDWAY WSO AP //R	1.11		T	T				T	.01		T	.14	.28		T	T	T	T	.26		.01	.25	T	.14					.04			
DE KALB	1.40								.02		.02	.08	.39		T	T		T	.11			.44	T	.25					.08			
ELGIN	D 1.06											.08	.18	0 .05						.08		.38		.28								
GEBHARD WOODS ST PARK	-							T	.08	T		.07	.22			T	T	T	.04	0 .10		-	T	.26	T							
JOLIET BRANDON RD DAM	1.05				T			T	.02	T		.08	.21			T	T	T	T	.09		.50	T	.15								
MARENGO	1.11								T			.23	.38							.18		.20			.12							
MARSEILLES LOCK	1.18				T			T	.05	.03		.05	.21	T		T	T	T	T	.15		.48		.22	T							
MC HENRY LOCK AND DAM	.78		T	T	T			T	T			.10	.24	T		T	T	.01	T	.11		.23		.09								
MORRIS	1.25				T			T	.03	T		.08	.26			T	T	T	T	.10		.52		.25								
OTTAWA	1.18			T					.10			.02	.23		T	T			.15			.46		.22					T			
PARK FOREST	.70				T			T	T	T		.19	.23					T	.04	.11		T		.03					.10			
PEOTONE	1.71				T				T			.01	.34	T		T	.02		.02	.07		.50		.75								
PERU 2 W	1.48							T	.09	.02	.21	.02				.02	T	T	.15			.67		.30				T	T			
STREATOR 2 ENE	1.23							T	.21				.08			.01	T		.20			.49	T	.23					.01			
UTICA STARVED ROCK DAM	1.13				T			T	.08	.01		.02	.18			.01	.01	T	.05	.08		.45		.23								
WAUKEGAN	-			T				T	T	T		-	-			T	-	-	-	-	-	-	-	.30								
WHEATON 3 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
* * * WEST 03																																
AVON 5 NE	1.33								.22							T	.04		.10			.48		.49								
BENTLEY 1 E	.68		T						.05				T		T	.03	T		.01		T	.38	.01	.12					.08			
CANTON 1 ESE	1.82								.33				T			T			T			.37	T	.47					.75			
GALESBURG	1.21				T			T	.14	.02			T		T	T			.07			.50	.08	.38								
GLADSTONE DAM 18	.70				T				.17						T	T	T	T	T	T		.36		.17								
GOLDEN 1 NW	0 .95			0 .05					.07										T	T		.50		.33								
LA HARPE	.84			T					.15						T	T		T		.04		.34		.31								
MACOMB	1.21								.09	.04						.02	.02	T	.01	.03		.58		.42								
MONMOUTH	.87								.21							T			.16			.42		.08					T			
MOUNT STERLING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PAYSON	1.51			T					.17	.04						T	T		T	.05		.68	T	.56								
QUINCY FAA AP	1.52		.01	.01			T		.07						T	.03	T		.07		.50	.14	.31	.17					.21			
QUINCY DAM 21 //	.77			.06					.04	.03								T	.01	T		.44		.18								
QUINCY MEMORIAL BRIDGE	.88			.01	T				.08	.08						.03		.01	.01	T		.48		.18								
RUSHVILLE	1.58			.04					.09				T		T	.03	T		.04		.06	.62	.02	.53					.15			
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	.72			T					.07	.05		T			T	T	T	T	.05	.07		.32		.16								
CHENOA	.77								.08				.04			T	T	T	.11			.38		.12					.03			
CHILLICOTHE	.88								.06	.04							T	T	T	.10		.38		.30								
CLINTON 1 SSW	1.11		.07	T				.03	.12		T		T		T	T	.03	T	.11			.48		.05					.22			
DECATUR	.84			.05				T	.03	.13					T	.01	.01		.04	.02		.41	.01	.13	T							
FARMER CITY	.76								.12								.02		.05	.05		.42		.10								
HAVANA 4 NNE	1.67				T			T	.18	.05		T		T	T	T	.02	.02	T	.07		.57		.76								
LACON 2 E	1.06			T			T		.18				T			.02	T		.12			.44		.28					.02			
LINCOLN	.81			.05					.01	.12								.01	T	.04		.62		.06								
MACKINAW	1.51								.22							.06			.11			.47		.60					.05			
MASON CITY 1 NW	.93			T					.11						T	.02	T		.02			.44	T	.27					.07			
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MOUNT PULASKI	1.57		.05	.10	.13					.28						.18	T		.01	.04		.61	.11	.06								
NORMAL	.83			T				T	.15		T		T		T	.03	T		.12			.33	.04	.14					.02			
PEORIA WSO AP //R	1.37			T				T	.18		T		T		T	.02	T		.07		.37	.10	.48	.02					.13			
PETERSBURG 3 SSW	.82			.06						.21						T				.05		.50										
PRINCEVILLE	-			T					-				-			T			T			.07		.06					T			
* * * EAST 05																																
DANVILLE	1.10			.08					.13							T			.22			.35	.24	.05					.03			
DANVILLE SEWAGE PLANT	-			.11					-		T	T				.01			.12	.08		.31		.35					.60			
GIBSON CITY 1 E	.64			T	T					.08			T				T		T	.11		.38		.06								
HOOPESTON 1 NE	.76			.01	T			T	T	.07		T	T	T		T	T	T	.04	.08		.41		.15								
KANKAKEE WTR POLL CTR	.86								.06	T	.06		.24	T		T				.16		.38		.06								
MONTICELLO 2	1.03		.08					.03	.09						T	T		T	.09		.45		.15						.13			
PIPER CITY 3 SE	.55			T	T				.09	.06			.03			.02	T	T	.02	.06		.22		.05								
PONTIAC	1.10				T			T	.07	.07		T	.04				T	T	.03	.11		.38		.40								
RANTOUL	-	T			T				T	.20					T	.03			-			.73		.18								
SIDELL	-			.12					T	.13		T								.22		-		-								
URBANA	1.27		.07	T				T	.17		T		T		.03	.01	T		.15		.30	.18	.14	.04					.18			
WATSEKA 2 NW	.71								T	.10		T	.05	T		T	.01		.05	.12		.31		.07					T			
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	.97			T	T					.14								T	.02			.14		.67								
BEARDSTOWN	1.18								T	.10									.03	.07		.60		.38								
BLUFFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.08		T	.03				T	.18				T		T	T	T	T	.09	T	T	.35	.28	.12					.03			
EDWARDSVILLE 1 NE	1.36			.03	T					.14						T			.02	T		.37		.80								
GRAFTON	1.34			.02						.22						T	T		.04			.60		.46								
GREENVILLE 1 E	2.00			.01						.09						.02				.02		.46		1.40								
GRIGGSVILLE	1.09			.23	T				T	.07						.01		T	.01	.02		.58		.17								
HILLSBORO	1.38		T	T						.45										.05		.43		.45								
JACKSONVILLE 2 E	-			.12					T	.02					T	T			.01	.01		.42		-								
JERSEYVILLE 2 SW	1.10			.02	T				.03	.19					T	T			.01	T		.50	T	.35								
KINCAID	.78			.05						.23						T	T	T		.05		.35		.07	.01							
MEDORA	1.42		T					T	.22						.01	T	T		.10		.02	.65	.32	.09					.01			
MOUNT OLIVE 1 E	1.87									.49										.20		.46		.72				T	T			
PANA	1.29			.02	T			T	T	.23				T		.02	.01	T	.03	.05		.37		.56								
SPRINGFIELD WSO AP R	1.09		.10	T					.24						T	T	T		.07	T	.54	T	.06	.01					.07			
VIRDEN 1 N	1.19			.06	.01					.28						.02	T		T	.02	.02	.58		.20								
VIRGINIA	1.09		T	.04	.01				.18								.03		.06			.52		.17					.08			
WHITE HALL 1 E	-		T	.10					.05										.10			-	-	-					.01			
* * * EAST SOUTHEAST 07																																
CHARLESTON	0 1.66			.16	0 .03					.25						.02	.05		.02	.10		.26		.75								
CLAY CITY 6 SSE	4.13			.03	T			T		.33							T		.09	.03		.18		1.45		.55	1.47					
DIONA 3 SW	-			-						-										-		.54		.24					.21			
EFFINGHAM 3 W	1.69			.04	T				T	.16				T		.02	T	T	.02	.03		.27	T	1.12		.02	.01					
FLORA 5 NW	4.09		T	T				T	.20	T						.02	T		.10		T	*	.94	.85		1.76			.22			
GREENUP	1.73			.05					T	.20						.02	T	T	.06	.03		.20		.95		.22						
HUTSONVILLE POWER PL	2.37			.10	T					.45						.05	T		.15	.06		.21		.96	.05	.24	.10					
LAWRENCEVILLE	4.93			.09						.23						.03			.25	.03		.31		1.38		.74	1.87					
MATTOON	1.67		.04						.17						.03	.03			.07		.29	T	.60	.16					.28			
MOWEAQUA	-		.05	.07		T	T		T	T				.06	.09				T	T		-	-	-		T	T	T	T			
NEWTON 6 SSE	3.87			.07	T					.15						.02	T		.08	.02		.15		.89		.31	2.18					
OLNEY 2 S	3.94			.04					.31						.02				.23			.18	.64	.73		1.79						
PALESTINE	3.42		.01	.15				T	.23						T	.06	T		.25		.23	.52	.52		T	1.25			.20			
PARIS WATERWORKS	1.42		.05	.04					.15				T		T	.06			.25			.26	.36	.20		T			.05			
SAINTE MARIE	2.78			.10						.23									.12	.04		.09		1.15		.24	.81					
SALEM	3.22		.01	.01				T	.27	T					T	T	T	T	.09		T	.16	.71	.51		1.30			.16			
TUSCOLA	-			0 .20				T	0 .10	-					T	.04	T		0 .10		.51	.25	.10						T			
VANDALIA 2 NW	1.81			.03						.04						.02			.01			.38		1.33								
WINDSOR	1.30		T	.03				T	.18						T	.02	T		.06		T	.32	.49	.17					.03			
* * * SOUTHWEST 08																																
ANNA 1 E	7.19							.06	.21							T			.10			.35	1.06	1.06	.14	3.79			.40			
BELLEVILLE SO ILL UNIV	1.93		T					T	.16						T	T	T				.03	.27	.92	.42		.08			.05			
CAHOKIA	2.57			.01	T				T	.14					T	T	T	T	T	T	T	.32		2.10					T			
CAIRO WSO CI R	4.84						.07	.15	.07									T	.08		.39	.02	.84	1.07	.72	.72		.08	.63			
CARBONDALE SEWAGE PL	8.30			T					T	.22							.02	T	.06	T		.16		1.61	.04	2.88	1.31		T			
CARLYLE RESERVOIR	0 2.30			.01						.13									0 .10	T		.24		1.48		.34						
CENTRALIA	3.38			.07					T	.47							T	T	.24	.04		.23		.81		1.33	.19					
CHESTER	3.43			T						.20									.02			.15		1.20	.03	1.73	.10					
DU QUOIN 4 SE	4.52		T						.28										.06		.17		1.40	.17	T	2.44						
GRAND TOWER 2 N	5.50			T						.20						T			.03			.48		1.75	.08	*	2.98					
KASKASKIA R NAV LOCK	1.95									.12									.02			.02		1.17	.01	.60	.01					
MARION 4 NNE	6.74			T	T				T	.15									.13			.23		2.03	.03	2.48	1.69		T			
NASHVILLE 4 NE	3.47			.01						.15									.08			.20		1.45		1.33	.25					
PRAIRIE DU ROCHER 1WSW	1.79									.12									T			.12		1.09		.46						
RED BUD 5 SE	2.03		T	T				T		.16						T	T		T			.17		1.02		.36			.30			
SPARTA	3.76		T	T					.20	T									.40		T	.15	.89	.40	.03	1.55			.14			
WATERLOO	1.91			T					T	.10									T			.30		1.50		.01						
* * * SOUTHEAST 09																																
ALBION	2.99			.50				.03								.05			.16			.27	.85	.61	.02	.50						
BENTON FOREST SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BROOKPORT DAM 52	5.31							.36	.06	.08							.02		.09	.02		.40		1.99	.18	1.80	.31					
CARMI 6 NW	2.98			T	T					.18						T			.19			.26				1.25	1.10					
DIXON SPRINGS AGR C	5.37							.19	.15	T						T	T		.12		T	.38	.57	1.46	T	2.22	.03		.25			
FAIRFIELD RADIO WFIW	3.32			T				T	.20						T	.04	T		.09			.19	.68	.80	.09	1.17			.06			
GOLCONDA DAM 51	4.81							.37		.25						.18		T	.12			.45		1.88	.06	1.30	.20					
HARRISBURG	5.57			T				T	.15	.05						T			.12		T	.26	.74	1.08		2.60	.05		.32			
HARRISBURG DISPOSAL PL	6.16	T		T			T		T	.18								T	.12			.28		1.88	T	1.86	1.14		.70			
MC LEANSBORO 2 ENE	4.74			T						.25						T			.10			.28		1.87	.04	1.90	.30					
MT CARMEL	2.94			.03						.09						.03			.06	.02		.25		.66		.76	1.04					
MT VERNON 3 NE	D 3.64									.18									0 .20		.45			1.49	.05	.45	.82					
REND LAKE DAM	3.99			.01						.17							T		.05			.20		1.60	.01	*	1.95		T			
ROSICLARE	6.52							.38	.19										.16			.36	.80	1.20	.10	2.91	.04		.36			
SHAWNEETOWN NEW TOWN	5.20			T	T			.17	.06	.26						T	.03	T	.20	T		.28		1.62	T	1.72	.86		T			
WAYNE CITY 1 N	4.22									.21									.10			.22		1.69		*	2.00					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
▪ ▪ ▪																																	
NORTHWEST 01																																	
ALEDO	MAX	13	21	19	11	4	32	25	6	7	16	24	24	28	34	34	23	10	14	24	38	36	37	39	30	28	33	39	39				24.6
	MIN	-11	2	10	-8	-17	-2	-7	-1	-17	-2	7	17	15	17	22	7	-1	2	0	17	26	25	28	15	15	11	12	23				7.3
DIXON	MAX	20	15	17	20	6	7	25	11	10	7	12	21	28	22	28	27	17	11	12	19	39	35	40	38	32	27	33	40				22.1
	MIN	-11	-11	8	-9	-20	-19	1	-2	-16	-16	0	12	10	15	20	12	-6	-1	-10	-5	17	19	26	16	15	12	7	16				2.9
FREEPORT WASTE WTR PLT	MAX	19	20	16	19	4	8	24	8	9	10	12	20	25	24	26	25	13	10	14	20	36	35	39	38	32	24	31	40				21.5
	MIN	-3	-4	8	-8	-17	-16	-1	-2	-17	-16	0	10	3	14	18	7	-8	-8	-16	-14	19	16	21	13	14	10	3	7				1.2
FULTON DAM 13	MAX	18	15	18	18	8	6	29	20	8	6	13	21	24	27	29	27	13	11	12	19	36	36	38	37	30	28	32	35				21.9
	MIN	-9	-9	7	-12	-20	-20	-3	-3	-15	-14	4	11	8	15	19	8	-11	-9	-15	-15	14	18	24	14	15	10	7	7				.9
GALVA	MAX	12	8	19	21	4	5	30	7	6	7	13	24	24	26	33	29	14	10	11	18	36	34	40	35	31	24	29	37				21.0
	MIN	-12	-12	8	-10	-19	-18	-6	-6	-17	-17	7	9	13	15	22	4	-7	-5	-4	0	18	24	26	15	15	10	12	20				3.0
GENESEO	MAX	10	21	18	6	4	27	12	8	4	11	21	26	24	34	30	16	9	10	19	36	35	37	39	31	27	30	36	35				22.0
	MIN	-9	5	5	-10	-16	-1	-4	-7	-16	3	11	12	14	17	16	-2	-12	-2	-6	18	24	22	21	17	17	10	11	18				5.6
HENNEPIN POWER PLANT	MAX	17	17	18	21	2	5	31	9	10	10	15	23	27	24	33	30	20	13	12	21	39	37	37	42	26	29	29	39				22.7
	MIN	-9	-8	9	-6	-18	-16	3	2	-20	-12	7	15	9	17	24	12	-14	1	-16	-6	20	18	28	18	20	12	4	14				3.9
KEWANEE 1 E	MAX																																
	MIN																																
MOLINE WSO AP	MAX	13	19	18	6	4	27	8	7	4	11	22	25	24	33	33	15	10	9	24	38	35	38	40	31	28	32	38	36				22.4
	MIN	-13	6	1	-10	-21	-1	-5	-13	-25	4	10	6	15	18	12	0	-9	-10	-15	22	25	24	21	17	17	9	7	17				3.9
MORRISON	MAX	15	13	20	18	3	28	27	8	9	8	14	27	26	29	28	26	12	11	16	35	36	35	39	32	28	31	37	39				23.2
	MIN	-11	-12	7	-10	-21	-20	-5	0	-19	-2	6	14	8	14	24	6	-4	2	-18	10	28	18	31	16	15	8	5	20				3.9
MOUNT CARROLL	MAX	17	14	16	16	5	8	25	10	8	6	13	19	25	22	27	28	12	9	12	21	35	35	38	37	31	26	31	38				20.9
	MIN	-15	-12	1	-12	-28	-22	-4	-3	-23	-15	1	11	-2	15	19	5	-8	-6	-20	-11	18	14	24	12	13	6	1	8				-1.2
PAW PAW	MAX	12	16	16	18	1	1	24	10	9	3	15	16	24	20	27	25	25	10	14	12	34	34	38	38	30	28	30	36				20.2
	MIN	-6	-4	4	-8	-17	-20	-8	-5	-9	-8	1	15	8	12	16	6	-6	-5	-10	-9	3	13	20	14	10	5	6	6				.9
ROCHELLE	MAX	16	13	16	19	2	0	24	8	8	4	11	20	27	24	26	26	24	10	10	13	33	34	40	37	30	28	31	39				20.5
	MIN	-12	-11	8	-12	-24	-24	0	-10	-20	-20	0	10	1	14	17	7	-6	7	-12	-12	11	16	22	15	15	9	1	6				-.1
ROCKFORD WSO AP	MAX	15	16	19	4	-1	23	23	7	7	10	20	25	22	27	27	18	10	11	15	34	35	36	39	31	27	32	35	37				21.6
	MIN	-7	6	4	-11	-21	-3	-4	-4	-17	0	10	13	16	17	17	-2	-3	-9	-16	9	18	14	21	19	15	13	3	16				4.1
STOCKTON 1 N	MAX		21	15	15	2	7	22	6	7	6	15	19	22	22	26	25	24	8	13	20	36	32	36	34	28	23	32	38				20.5
	MIN	-6	-2	-3	-9	-22	-12	-7	-5	-20	-12	0	14	-7	14	17	2	-12	-6	-16	-4	19	9	22	11	9	4	-1	6				-.6
TISKILWA 2 SE	MAX	16	20	22	11	3	29	21	10	7	13	24	27	25	32	32	25	12	13	21	37	36	35	42	34	29	32	42	37				24.5
	MIN	-9	1	1	-8	-18	-8	-2	-1	-15	-1	9	16	12	16	25	8	-7	0	-9	10	30	20	34	15	15	7	7	19				6.0
WALNUT	MAX	10	18	20	12	11	26	24	5	5	10	22	25	22	30	30	25	9	7	18	35	33	35	41	30	25	28	37	35				22.4
	MIN	-9	2	12	-10	-20	-5	-2	-2	-16	-2	7	17	10	20	25	9	-9	3	-8	13	28	20	29	13	16	5	11	25				6.5
▪ ▪ ▪																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	23	19	24	22	8	5	23	15	10	12	12	20	25	31	26	24	16	11	16	19	37	37	41	42	29	29	34	45				23.4
	MIN	-3	-4	7	-6	-16	-17	3	-8	-13	-14	-8	11	12	12	11	5	-3	2	-13	-4	15	16	15	14	17	8	4	4				1.7
AURORA	MAX	16	19	25	5	3	26	18	10	9	12	22	25	25	26	28	20	12	14	15	35	36	38	41	31	31	36	39	42				23.5
	MIN	-6	5	3	-10	-19	-6	-4	-4	-14	-1	11	16	13	15	18	0	-5	-8	-13	7	19	14	22	18	18	13	8	14				4.4
BARRINGTON	MAX	21	18	22	24	4	6	26	12	9	11	14	21	22	28	26	24	11	11	13	18	35	36	40	40	30	29	34	42				22.4
	MIN	-4	-2	8	-7	-18	-19	3	-5	-11	-9	-2	12	15	15	16	9	-1	0	-12	-6	15	15	24	19	19	12	6	15				3.8
CHICAGO O'HARE WSO AP	MAX	20	22	25	12	3	25	20	11	8	12	20	22	24	27	27	20	12	12	15	34	35	35	40	30	28	34	40	42				23.4
	MIN	5	11	12	-2	-14	-3	-3	-3	-6	0	11	19	17	19	20	8	3	0	-9	12	20	18	23	23	22	17	12	19				9.0
CHICAGO UNIVERSITY	MAX	26	25	24	26	9	26	27	17	18	17	21	22	25	26	27	26	18	13	20	33	38	36	45	41	31	32	39	44				26.9
	MIN	10	11	18	-2	-9	-4	11	4	2	0	13	17	16	17	23	13	0	5	0	0	32	24	32	28	21	21	22	28				12.6
CHICAGO MIDWAY WSO AP	MAX	18	18	24	4	2	23	21	14	9	16	19	23	28	27	28	20	10	14	17	36	37	38	42	32	29	36	40	42				23.8
	MIN	3	7	4	-6	-17	-7	-2	-3	-4	-1	10	16	16	18	20	10	1	1	-2	12	25	25	27	25	22	21	18	27				9.5
DE KALB	MAX	17	15	21	14	2	23	23	8	5	13	19	25	23	26	27	26	12	12	13	34	34	36	37	34	30	33	34	41				22.8
	MIN	-3	4	14	-8	-17	-8	5	-2	-10	-3	8	17	10	16	24	10	-5	6	-11	6	28	16	34	15	20	8	10	18				7.2
ELGIN	MAX	19	15	20	21	2	5	18	12	6	2	14	21	23	26	27	25	23	8	14	14	35	35	39	41	30	29	33	38				21.3
	MIN	-1	0	6	-10	-20	-19	0	-4	-10	-8	-2	10	14	14	14	8	-2	-2	-10	-8	13	16	16	17	18	11	12	14				3.1
GEBHARD WOODS ST PARK	MAX	16	12	19	26	2	1	25	14	12	12	15	24	27	22	29	28	26	13	14	14	34	37	42	40	30	34	31	37				22.7
	MIN	-8	-5	5	-7	-17	-15	-4	-5	-17	-14	5	14	14	14	21	7	-5	2	-9	-3	11	18	27	15	16	11	11	14				3.4
JOLIET BRANDON RD DAM	MAX	20	15	20	26	4	4	27	17	11	9	19	22	27	24	28	27	21	11	13	16	37	37	42	41	34	31	36	37				23.4
	MIN	-10	-8	4	-6	-20	-20	0	-6	-10	-10	1	10	12	11	18	10	-1	-1	-4	-4	12	20	22	21	21	15	10	14				3.6
MARENGO	MAX	18	18	21	19	2	23	22	7	8	7	23	27	27	25	25	23	12	16	15	32	35	35	40	35	30	31	40	39				23.4
	MIN	-1	5	12	-9	-20	-9	5	-5	-14	-9	4	17	16	15	19	9	-4	4	-9	7	28	14	32	16	17	7	4	10				5.8
OTTAWA	MAX	17	21	28	18	7	30	23	11	12	16	25	29	25	33	32	27	14	13	21	38	39	38	41	35	35	34		42				26.1
	MIN	-7	4	18	-5	-17	-7	5	-1	-13	1	11	19	16	17	27	13	-2	2	-7	8	32	23	33	19	22	9	10					8.5
PARK FOREST	MAX	21	22	18	20	3	12	30	23	21	9	14	15	28	23	26	24	18	10	12	17	35	36	44	39	31	28	37	42				23.5
	MIN	-5	-5	7	-4	-17	-15	10	-5	-3	-3	-1			14	12	10	-4	1	-2	3	17	22	18	21	21	20	14	24				5.8
PERU 2 W	MAX	15	19	21	12	7	23	20	8	6	18	21	24	28	29	28	26	12	14	12	38	38	36	38	29	32	30	38	38				23.6
	MIN	-9	6	-4	-15	-21	-8	-7	-4	-18	-1	0	12	14	14	14	6	-8	-3	-13	8	12	19	29	15	16	8	10	24				3.4
WAUKEGAN	MAX	22	19	24	23	4	4	25	16	9	11	14	19	23	31	26	22	15	9	13	18	36	36	41	41	29	27	31	40				22.4
	MIN	2	1	8	-4	-14	-17	3	-6	-7	-7	-4	12	13	13	16	6	0	3	-13	-5	14	17	19	19	18	12	9	7				4.1
WHEATON 3 SE	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	13	19	19	6	5	30	13	8	4	14	25	24	27	33	34	13	9	12	21	38	36	39	41	31	27	32	39	37				23.2
	MIN	-10	5	5	-10	-17	-2	-6	-10	-19	4	8	15	15	17	9	-2	-8	-7	-8	16	27	27	21	19	16	9	17	26				5.6
GOLDEN 1 NW	MAX	13	20	20	19	8	34	26	10	8	26	34	28	35	42	35	17	10	16	33	41	40	40	49	33	30	32	41	41				27.9
	MIN	-10	7	19	0	-15	0	-10	-3	-20	5	10	18	18	23	17	-8	-5	4	0	22	32	28	31	20	18	13	21	26				9.3
LA HARPE	MAX	15	26	24	9	9	36	28	11	8	20	29	25	30	35	34	15	14	18	28	42	39	38	42	34	30	35	42	37				26.9
	MIN	-12	3	4	-6	-15	-2	-6	-3	-20	-2	7	17	11	17	12	-3	-4	2	-6	17	33	28	22	15	16	12	13	20				6.1
MONMOUTH	MAX	15	23	21	16	7	32	31	10	10	16	27	25	30	35	34	30	10	10	25	40	37	37	41	31	29	33	41	39				26.3
	MIN	-10	4	14	-7	-16	-4	-7	0	-17	-5	5	17	14	16	30	0	-6	2	-7	16	30	26	28	16	17	11	13	24				7.3
QUINCY FAA AP	MAX	10	28	24	9	8	32	18	10	9	23	31	27	28	37	35	10	13	13	30	40	38	43	48	32	28	33	40	35				26.1
	MIN	-10	8	9	-5	-12	2	-3	-10	-16	7	7	18	17	23	10	-2	-2	1	4	25	29	31	26	19	20	16	21	30				9.4
QUINCY DAM 21	MAX	11	16	29	23	8	11	38	18	11	12	26	33	24	31	38	35	7	14	16	30	39	38	49	38	34	30	35	42				26.3
	MIN	-10	-12	14	2	-11	-11	0	0	-15	-17	5	5	14	18	29	-1	-2	1	2	4	24	25	35	20	20	17	17	21				6.9
RUSHVILLE	MAX	16	25	24	23	7	31		13	9	20	35	26	26	36	35	28	12	13	26	39	37	39	44	34	31	34	40	36				27.4
	MIN	-15	2	17	-4	-17	-1		-2	-20	1	5	19	12	18	28	-1	-5	4	-6	20	33	33	33	18	19	11	17	27				9.1
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	10	21	26	21	4	26	24	5	5	29	24	30	26	33	30	36	24	24	35	34	39	36	42	35	31	29	40	36				27.0
	MIN	-10	0	-4	-10	-18	-8	-7	-4	-14	0	0	14		14	19	14	-12	0	-18	4	31	24	33	20	18	10	10	20				4.7
DECATUR	MAX	12	28	27	17	8	32	26	12	8	22	35	32	31	35	36	30	18	17	25	42	38	42	47	37	31	31	43	38				28.6
	MIN	-8	-5	17	-1	-16	-3	0	-6	-16	-8	11	20	12	16	30	8	0	6	-11	10	33	28	32	22	23	14	11	27				8.8
FARMER CITY	MAX	15	24	28	12	4	25	21	9	15	15	27	28	26	35	33	25	10	13	17	36	37	38	45	36	29	33	40	37				25.5
	MIN	-3	-2	11	-11	-18	-6	-3	-6	-13	-2	11	8	10	18	25	10	-5	2	-12	7	33	28	30	20	21	13	13	27				7.4
HAVANA 4 NNE	MAX	12	12	26	24	8	7	29	10	9	10	17	32	25	30	36	34	18	12	11	25	38	37	39	39	34	27	35	40				24.1
	MIN	-14	-9	10	-3	-16	-11	-3	-3	-25	-15	5	12	12	15	27	3	-1	1	-12	-1	22	27	32	20	19	14	11	17				4.8
LACON 2 E	MAX	13	22	25	11	11	28	28	11	11	14	27	26	28	35	34	29	12	10	23	40	37	38	44	36	31	34	45	38				26.5
	MIN	-11	0	10	-7	-21	5	-1	-3	-17	0	9	18	7	14	26	9	-4	1	-9	11	30	22	34	17	19	7	6	17				6.8
LINCOLN	MAX	10	23	27	19	5	29	26	10	8	19	29	29	27	35	35	30	13	15	20	37	39	38	40	36	31	34	38	37				26.4
	MIN	-8	-1	19	-2	-2	-5	0	0	-13	-5	11	20	11	15	29	7	-2	5	-7	11	33	28	30	22	22	14	13	26				9.7
MASON CITY 1 NW	MAX	13	22	23	16	4	27	23	10	6	14	28	28	25	35	34	30	13	13		37	36	37	43	32	29	31	36	35				25.2
	MIN	-11	-2	16	-4	-16	-4	-3	-2	-16	-6	6	19	11	15	30	4	-4	4		14	32	26	31	21	22	17	14	24				8.8
MINONK	MAX	15	18	21	18	3	20	25	10	15	14	27	25	28	36	32	24	9	18	15	36	39	38	43	43	31	36	29	34				25.1
	MIN	-9	-7	7	-6	-22	-20	5	-14	-12	-4	4	17	20	23	10	0	3	4	8	8	32	32	22	22	22	22	12	14				6.9
NORMAL	MAX	12	22	26	23	7	27	27	8	7	16	27	26	28	33	33	26	17	13	19	38	39	38	44	38	31	30	41	40				26.3
	MIN	-10	1	19	-3	-17	-2	2	-7	-18	0	5	19	7	15	26	10	-11	2	-14	12	33	27	35	20	21	12	12	27				8.0
PEORIA WSO AP	MAX	9	21	21	8	1	25	21	9	7	13	25	24	23	33	33	17	7	10	21	35	37	39	42	33	28	31	37	36				23.1
	MIN	-13	4	7	-9	-17	-2	-3	-6	-18	1	11	17	15	18	14	2	-2	-5	-12	13	27	27	23	19	15	12	12	26				6.3
PRINCEVILLE	MAX	10	19	20	9	8	29	22	3	5	10	22	27		32	32	26	5	10	17	36	32	35	33	30	23	23	41	37				22.1
	MIN	-10	0	9	-11	-22	-6	-14	-6	-21	-6	6	5		16	22	3	-9	-2	-10	12	22	22	25	14	12	4	4	22				3.0
• • •																																	
EAST 05																																	
DANVILLE	MAX	14	22	29	26	7	31	28	12	14	20	32	31	23	33	34	27	16	19	18	39	39	38	49	36	34	35	45	40				28.3
	MIN	-8	-7	20	0	-18	-14	5	-8	-14	-2	12	20	1	17	26	13	-3	4	-14	9	35	27	35	25	23	18	12	23				8.5
HOOPESTON 1 NE	MAX	10	19	27	21	3	27	24	10	10	16	25	25	21	31	31	24	10	16	16	36	38	35	45	34	30	34	43	37				24.9
	MIN	-9	-3	18	-2	-17	-8	3	-3	-13	0	10	18	4	15	23	9	-7	1	-7	2	33	22	32	23	21	15	14	28				7.9
KANKAKEE WTR POLL CTR	MAX	18	12	24	18	10	1	24	16	11	13	18	23	25	23	30	26	17	19	16	18	37	37	44	41	30	28	35	39				23.3
	MIN	-9	-9	-2	-7	-21	-20	0	-9	-12	-11	-7	11	8	12	18	9	-8	-5	-9	-9	15	18	25	20	17	14	9	14				1.9
PIPER CITY 3 SE	MAX	8	18	24	20	2	22	19	7	9	13	23	23	24	31	31	26	8	12	12	31	37	35	43	33	28	29	38	36				22.9
	MIN	-10	-2	17	-5	-19	-14	1	-5	-14	-2	9	12	9	15	24	6	-11	0	-12	5	31	24	33	26	23	11	10	20				6.5
PONTIAC	MAX	13	17	23	19	4	26	18	8	7	11	24	26	22	33	33	27	12	11	15	34	38	35	36	33	31	32	40	37				23.8
	MIN	-10	-5	17	-4	-18	-12	5	-1	-13	-1	9	18	3	14	25	12	-6	0	-16	6	31	21	33	20	21	10	11	21				6.8
RANTOUL	MAX	18	17	24	28	12	15	24	24	9	10	23	33	30	24	34	33		10	10	17	38	38	38	44		30	37	42				25.5
	MIN	-8	-5	-4	-1	-14	-12	-1	2	-12	-10	10	13	13	15	22			-4	-9	-8	8	28	34	26		16	19	21				5.6
URBANA	MAX	14	23	26	10	2	26	24	10	9	17	29	30	22	33	33	23	11	15	17	37	37	39	44	36	30	33	40	37				25.3
	MIN	-7	-2	10	-6	-12	-4	2	-1	-6	2	13	13	12	17	23	5	-4	2	-4	5	28	28	26	24	19	16	17	28				8.7
WATSEKA 2 NW	MAX	14	12	20	27	2	3	24	17	9	10	23	24	23	21	30	27	20	12	19	16	36	38	40	44	36	26	34	40				23.1
	MIN	-8	-9	5	-3	-17	-17	2	-9	-20	-19	4	12	2	12	20	12	-6	-5	-17	-17	16	21	28	20	6	12	10	10				1.6
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	13	16	29	29	16	14	32	14	12	15	29	39	27	31	39	40	12	18	20	31	41	39	51	48	39	33	39	42				28.9
	MIN	-5	-5	14	5	-6	-5	5	4	-11	-10	15	15	21	21	30	4	6	5	8	9	25	33	35	16	16	19	20	26				11.1
CARLINVILLE	MAX	16	27	29	19	14	34	30	11	14	28	39	36	31	38	38	33	13	19	29	42	40	42	51	39	34	36	42	38				30.8
	MIN	-9	-1	19	2	-11	1	0	-1	-15	3	13	21	17	20	32	4	1	8	-9	20	34	31	39	24	21	16	15	28				11.5
GRIGGSVILLE	MAX	13	28	24	13	12	31	25	12	10	22	33	26	30	40	34	23	12	16	32	43	37	41	46	33	29	35	41	35				27.7
	MIN	-11	5	13	-3	-13	0	-3	-1	-16	3	6	18	15	19	23	-1	-1	6	0	22	30	30	28	19	20	14	18	18				9.2
HILLSBORO	MAX	15	28	29	25	23	32	28	16	15	30	38	37	33	38	38	35	16	18	29	41	40	41	45	38	35	35	44	37				31.4
	MIN	-4	-2	21	4	-10	1	3	0	-14	4	15	13	12	18	30	5	0	10	-5	15	34	31	35	24	23	15	17	27				11.5
JACKSONVILLE 2 E	MAX	14	15	25	25	8	7	30	9	11	10	20	29	24	27	36	34	14	10	14	25	38	38	47	44	33	29	32	40				24.6
	MIN	-6	-9	10	0	-12	-13	0	-3	-13	-15	4	4	15	16	27	3	-3	-3	-10	3	21	29	31	21	21	14	14	17				5.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	13	17	28	27	11	16	33	11	10	15	27	40	24	32	37	36	12	13	17	31	40	38	50	40	35	32	36	43				27.3
	MIN	-14	-4	16	-5	-15	-5	1	-5	-22	-4	9	20	18	21	30	2	3	5	-5	9	29	31	33	24	21	17	17	29				9.1
PANA	MAX	10	26	29	19	9	32	25	9	9	22	34	34	28	37	38	30	13	17	25	40	38	39	50	35	31	32	41	37				28.2
	MIN	-7	-3	17	1	-11	-1	3	-2	-11	2	11	22	13	18	29	7	0	8	-5	15	34	31	33	24	23	15	17	27				11.1
SPRINGFIELD WSO AP	MAX	7	24	26	10	6	31	25	8	6	19	32	31	25	35	35	14	10	12	23	39	37	45	47	34	30	32	40	36				25.7
	MIN	-11	4	5	-7	-12	4	-3	-4	-20	2	9	15	14	21	14	4	1	-2	-9	19	30	30	27	23	19	15	17	29				8.4
VIRDEN 1 N	MAX	14	25	27	20	9	30	26	10	8	22	31	32	27	37	35	25	14	15	26	38	38	39	49	36	32	34	42	36				27.8
	MIN	-13	-9	17	-2	-16	-6	-2	-3	-18	1	10	19	11	13	25	3	8	6	-10	19	32	30	34	21	21	13	15	27				8.8
WHITE HALL 1 E	MAX	18	28	25	22	10	32	32	12	10	30	38	32	31	38	36	33	15	15	28	39	39	44	48	36	32	34	43	41				30.0
	MIN	-15	1	19	0	-16	-1	-1	-5	-18	1	6	20	15	20	32	1	0	8	-8	17	33	30	35	22	21	16	16	28				9.9
▪ ▪ ▪																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	14	24	30	24	12	31	30	11	13	23	33	35	27	37	38	30	20	18	23	40	39	41	49	37	34	34	42	38				29.5
	MIN	-6	-5	21	2	-12	-1	5	-5	-14	-4	14	20	12	18	28	13	0	6	-8	12	33	30	32	27	24	17	15	30				10.9
EFFINGHAM 3 W	MAX	13	13	26	30	12	10	30	16	12	11	22	36	33	27	39	41	19	17	19	22	40	39	51	50	36	30	34	40				27.4
	MIN	-5	-8	8	5	-12	-13	4	-6	-12	-13	6	12	9	16	27	11	2	2	-9	-9	13	31	34	29	27	18	16	17				7.1
FLORA 5 NW	MAX	16	27	34	26	15	30	29	14	16	25	36	39	29	39	43	33	20	21	25	39	41	43	59	40	34	35	38	37				31.5
	MIN	-9	-11	24	2	-13	-8	5	-6	-12	-5	10	22	10	18	33	14	4	12	-10	8	36	31	36	29	26	18	15	24				10.8
MATTOON	MAX	10	25	29	15	8	27	26	9	10	21	31	34	26	36	38	22	12	16	19	37	38	44	47	34	30	32	41	37				26.9
	MIN	-7	-2	13	-5	-11	1	-3	-3	-11	3	13	12	12	20	22	6	0	0	-5	11	32	31	30	27	21	17	18	30				9.7
MOWEAQUA	MAX	11	27	27	24	6	29	29	11	7	22	32	31	27	32	33	30	32	28	20	38	43	39	39	37	38	36	45	38				29.0
	MIN	-8	-3	22	0	-12	-9	3	-8	-12	-3	5	10	6	13		6	8	5	-12	6		31	30	28	31	15	30	27				8.0
NEWTON 6 SSE	MAX	13	16	26	32	10	13	29	23	14	12	21	37	35	28	37	40	24	18	20	20	39	40	52	52	39	30	33	37				28.2
	MIN	-8	-7	7	0	-14	-10	-1	-7	-12	-12	5	13	6	14	27	15	4	5	-10	-2	9	31	33	30	29	20	17	21				7.3
OLNEY 2 S	MAX	15	27	35	28	14	34	29	14	13	26	36	37	30	38	45	33	20	20	26	40	42	46	58	41	36	37	48	42				32.5
	MIN	-7	-9	24	6	-9	-3	8	-5	-9	-6	10	22	9	19	33	16	7	12	-13	10	36	32	37	30	27	20	11	22				11.8
PALESTINE	MAX	15	27	34	26	15	29	29	13	16	23	35	38	27	38	41	32	30	21	23	40	44	44	53	40	35	35	39	40				31.5
	MIN	-3	-7	24	0	-10	-7	-5	-3	-12	-5	15	19	12	20	32	20	9	9	-9	3	32	34	34	31	27	21	18	26				11.6
PARIS WATERWORKS	MAX	10	24	30	22	11	30	28	13	12	20	33	33	27	36	36	28	15	19	22	39	39	40	50	37	33	32	44	39				28.6
	MIN	-7	-6	21	-3	-17	-7	2	-5	-15	-8	12	19	6	17	26	12	-2	4	-9	11	34	31	33	28	25	20	11	27				9.3
SALEM	MAX	17	29	33	27	17	34	29	14	13	31	41	39	34	39	45	33	17	20	30	42	40	44	57	40	34	36	41	38				32.6
	MIN	-7	-7	24	0	-9	-1	8	-2	-10	-5	11	22	13	23	32	12	7	12	-6	13	34	32	35	29	26	18	17	28				12.5
TUSCOLA	MAX	22	23	28	28	12	26	24	10		15	26	31	25	35	34	29	18	17	19	36	37	44	34	35	33	42	39	39				28.2
	MIN	-7	-4	21	1	-16	-5	7	-5		-9	13	20	11	16	28	12	-2	5	-10	3	30	33	25	26	17	16	30	33				10.7
VANDALIA 2 NW	MAX	14	12	28	31	14	14	30	13	17	13	25	38	28	36	37		18	17	16	29	40	38	51	48	38	32	37	41				28.0
	MIN	-12	-8	11	8	-5	-4	6	-4	-12	-11	7	17	13	16		12		5				31	34	26	20	16	17	25				9.0
WINDSOR	MAX	13	28	29	23	10	28	27	10	10	20	34	34	31	36	37	29	18	27	24	41	38	39	47	35	37	32	43	37				29.2
	MIN	-7	-3	22	1	-14	-2	4	-3	-17	-2	12	20	9	16	29	9	-2	8	-5	10	34	30	33	24	28	18	14	29				10.5
▪ ▪ ▪																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	21	33	37	30	23	32	31	24	22	30	39	41	34	38	57	34	24	28	35	41	56	54	63	39	38	35	39	46				36.6
	MIN	1	4	13	14	-1	10	15	6	-5	2	10	26	22	30	32	15	14	18	6	20	35	35	38	31	26	16	15	27				17.0
BELLEVILLE SO ILL UNIV	MAX	18	30	32	28	18	33	31	14	16	30	45	41	31	39	40	35	17	22	33	36	44	44	55	41	37	39	39	39				33.1
	MIN	-12	-9	25	4	-10	-8	6	-2	-11	0	4	24	18	27	34	11	10	15	4	16	35	32	39	29	27	22	20	29				13.5
CAHOKIA	MAX	19	18	31	36	19	18	28	28	13	22	31	43	28	34	39	38	17	18	23	30	43	45	55	50	35	34	42	42				31.4
	MIN	-2	1	13	8	-7	-2	6	4	-10	-6	4	27	18	18	33	6	7	10	15	19	19	32	35	28	26	21	20	27				13.2
CAIRO WSO CI	MAX	21	35	37	28	23	33	33	30	17	27	41	41	37	53	62	34	26	30	37	41	55	59	62	41	35	36	41	45				37.9
	MIN	9	14	28	14	8	22	14	10	3	10	17	26	26	34	34	20	19	21	17	27	41	41	40	35	26	22	23	36				22.8
CARBONDALE SEWAGE PL	MAX	19	22	34	39	23	20	36	25	23	22	34	44	40	35	51	57	21	25	27	37	44	57	58	65	4.	32	36	45				36.1
	MIN	-7	-8	15	11	-1	-1	12	3	-6	-6	4	6	23	24	34	15	15	15	5	5	24	33	37	32	31	18	10	10				12.6
CARLYLE RESERVOIR	MAX	20	15	29	33	16	12	31	13	13	13	27	40	28	32	38	44	17	17	21	28	40	42	54	58	40	31	37	38				29.5
	MIN	-6	-6	12	1	-9	-7	8		-12	-10	10	14	16	16	30	9	6	7	-3	-2	22	32	34	28	26	19	20	23				10.3
DU QUOIN 4 SE	MAX	17	34	36	17	17	34	28	20	17	32	43	40	33	40	53	22	27	27	34	42	42	56	64	41	33	35	39	41				34.4
	MIN	-5	4	17	13	-5	0	0	-2	-7	8	9	20	22	30	22	13	14	12	1	18	34	35	33	30	22	17	14	30				14.3
KASKASKIA R NAV LOCK	MAX	18	23	32	36	20	18	32	20	22	22	30	35	37	33	44	55	19	23	28	36	44	54	60	66	38	33	40	40				34.2
	MIN	-5	-5	11	5	-6	-5	15	6	-11	-8	10	12	19	20	31	14	11	11	8	8	21	33	33	30	23	16	15	17				11.8
MARION 4 NNE	MAX	16	18	33	37	19	19	35	25	20	15	30	40	40	34	49	57	22	24	21	35	44	54	58	63	48	32	33	41				34.4
	MIN	-5	-5	14	10	-3	-3	14	2	-8	-8	9	10	22	23	32	11	11	13	1	1	20	35	39	31	31	16	6	6				11.6
NASHVILLE 4 NE	MAX	13	30	35	28	12	33	31	16	11	26	38	40	30	37	46	34	20	22	29		44	46	60	40	37	36	37	38				32.2
	MIN	-6	2	28	7	-8	3	6	2	-9	4	10	23	19	26	34	10	9	13	9	18		33	39	28	28	16	20	28				14.5
SPARTA	MAX	20	32	35	28	18	33	31	19	19	33	44	40	33	40	52	36	22	26	37	38	52	51	62	41	37	38	40	41				35.6
	MIN	-6	4	28	7	-5	6	9	7	-10	8	12	26	21	29	36	11	11	14	8	22	36	39	41	29	23	18	18	27				16.8
WATERLOO	MAX	18	26	34	34	19	21	32	19	13	28	37	47	30	35	48	48	15	18	27	40	43	49	58	49	37	32	40	45				33.6
	MIN	-7	2	26	7	-7	2	6	4	-10	3	10	25	18	28	35	8	8	13	8	21	31	32	37	27	25	19	19	19				14.6
▪ ▪ ▪																																	
SOUTHEAST 09																																	
ALBION	MAX	17	26	36	34	18	32	32	17	14	26	37	40	30	39	50	47	27	24	22	40	47	47	61	53	40	40	40	40				34.9
	MIN	-2	1	21	9	-6	3	11	1	-7	1	14	25	15	20	35	17	8	13	1	10	35	33	43	40	26	19	17	27				15.4
BROOKPORT DAM 52	MAX	24	37	39	36	25	34	34	28	22	33	47	44	36	46	61	42	27	30	35	43	55	55	60	58	40	36	44	47				39.9
	MIN	3	0	16	17	6	12	14	0	-4	-2	5	26	24	31	41	21	16	21	9	22	37	36	49	34	29	20	19	35				19.2
DIXON SPRINGS AGR C	MAX	22	35	37	36	26	35	35	23	19	28	41	40	37	43	58	58	24	27	36	42	55	56	60	60	38	33	43	45				39.0
	MIN	1	2	30	9	1	12	17	2	-7	4	9	29	24	30	43	18	15	18	3	20	40	38	55	33	29	18	12	31				19.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	16	27	36	31	13	32	31	15	13	24	35	38	29	38	50	36	21	22	24	38	45	48	61	43	38	33	36	40				32.6
	MIN	-3	-6	26	9	-7	0	11	-1	-5	-3	10	23	13	21	34	15	9	13	-4	13	35	32	43	31	30	18	11	24				14.0
HARRISBURG	MAX	20	35	39	33	17	33	32	20	16	31	45	42	32	45	60	38	25	28	29	43	56	57	63	49	40	35	41	39				37.3
	MIN	0	-4	31	13	0	7	12	6	-6	1	6	26	23	29	37	18	14	17	1	15	38	33	48	33	29	18	11	25				17.2
MC LEANSBORO 2 ENE	MAX	15	17	30	37	18	18	34	25	18	15	27	40	40	33	45	54	23	21	24	28	43	50	56	62	40	38	34	39				33.0
	MIN	-4	-4	11	10	-4	-4	13	1	-6	-6	8	16	19	19	19	16	10	-5	1	1	11	33	35	31	31	19	14	26				11.1
MT CARMEL	MAX	16	11	31	35	19	15	34	27	18	13	28	40	40	30	39	50	27	23	24	24	43	47	55	60	41	34	35	40				32.1
	MIN	-1	-1	9	11	-3	-4	13	4	-4	-3	9	15	17	17	28	20	9	8	-3	-1	12	33	35	32	32	20	15	20				12.1
MT VERNON 3 NE	MAX	20	28	35	30	15	33	29	15	16	28	34	40	32	42	49	35	22	24	28	39	50	52	50	42	36	38	38	39				33.5
	MIN	8	-8	17	2	-9	-2	1	-4	-10	4	15	21	17	23	25	9	10	-1	-6	17	35	33	30	31	16	9	8	33				11.6
RENO LAKE DAM	MAX	15	18	32	36	18	14	33	24	18	16	34	44	39	35	45	55	18	23	25	34	43	52	58	63	35	40	35	40				33.6
	MIN	-3	-2	14	10	-4	-4	10	4	-8	-7	10	17	21	22	32	14	12	12	4	8	23	33	39	31	28	17	15	21				13.2
ROSICLARE	MAX	23	36	39	35	23	35	35	23	22	32	43	43	36	45	59	49	27	29	33	43	56	56	63	58	40	36	43	44				39.5
	MIN	3	4	31	15	2	13	15	1	-4	4	7	27	23	29	42	20	15	14	5	18		34	40	33	30	20	16	29				18.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	32	32	32	32	32	32	33	32	33	32	32	33	32	32	32	32	32	32	33	32	32	32	32	33	33	33	33	33				32.3
		MIN	31	32	31	32	32	32	30	32	30	32	32	30	32	32	32	31	32	32	31	32	32	32	32	32	32	32	32	32				31.6
	8	MAX	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34				33.1
		MIN	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34				33.0

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • NORTHWEST 01																																
DIXON	SNOWFALL		T		T				.6			1.6	2.8			T			T	1.8		2.8										
	SN ON GND	30	29	29	29	28	27	27	26	26	26	27	29	29	28	28	27	27	27	29	28	27	27	26	25	25	25	24	23			
FREEPORT WASTE WTR PLT	SNOWFALL		.7					.3	.2			3.0	3.5			T			.2	1.0		1.2										
	SN ON GND	19	20	20	20	19	19	19	19	18	17	20	23	21	21	20	20	20	20	21	21	22	20	18	18	17	16	16	16			
GALENA 1 N	SNOWFALL		.5					.5				2.0	3.0		T	T			T	.5		2.0				T						
	SN ON GND	14	15	15	14	14	13	14	13	13	13	15	17	15	14	13	13	13	13	14	13	13	13	12	12	11	11	11	10			
GALVA	SNOWFALL								2.0	.5				T			T	T	.5	1.0		1.0										
	SN ON GND	26	25	24	24	24	24	23	24	25	24	23	23	23	22	22	22	22	22	23	23	22	22	18	14	13	13	13	12			
MOLINE WSO AP	SNOWFALL			T				T	1.9		T	T	.1			T	T		1.1		T	1.0							.4			
	SN ON GND	16	16	16	16	16	16	16	15	17	17	17	17	16	15	15	15	15	15	16	16	13	13	11	10	10	10	9	9			
	WTR EQUIV	4.1	4.1	4.0	4.0	3.8	3.8	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.7	3.7	3.7	3.7	3.7	3.4	3.4	3.2	2.9	3.6	3.6	3.6	3.6	2.5	2.5			
MORRISON	SNOWFALL		T						1.0			.5	1.0						1.5	1.2		3.0	T									
	SN ON GND	32	32	32	32	32	32	32	33	33	33	34	35	35	35	35	35	35	36	36	34	33	30	28	27	26	26	22	20			
PAW PAW	SNOWFALL				T				T			1.0	3.0							2.0		2.0										
	SN ON GND	18	18	18	18	18	18	18	18	18	18	19	21	21	21	21	21	21	21	23	23	21	21	19	17	17	17	17	17			
ROCKFORD WSO AP	SNOWFALL	T	.5	T			T	T	.1		.5	3.7	2.3	T		T	T	T	1.7		T	2.9							.5			
	SN ON GND	21	22	21	21	21	21	20	20	20	19	21	24	24	24	24	24	23	23	24	24	25	23	21	19	19	18	17	17			
	WTR EQUIV	5.4	5.4	5.4	5.4	5.2	5.2	5.2	4.7	4.7	4.7	4.8	5.2	5.0	5.0	5.0	5.3	5.3	5.3	5.4	5.3	6.0	6.0	5.4	5.4	5.4	5.0	5.0	4.9			
WALNUT	SNOWFALL			T					1.0			1.5	2.0						2.0													
	SN ON GND	21	20	20	20	20	19	19	20	20	20	20	20	20	20	20	20	20	22	22	20	18	17	15	15	15	15	13	12			
• • • NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL			T				T	T			2.0	4.5	1.5		T	T	T	T	3.0		3.0	2.0									
	SN ON GND	24	22	20	20	20	20	20	19	19	19	21	26	28	26	25	24	24	24	27	26	26	23	21	19	19	19	18	17			
AURORA	SNOWFALL		.1					T	.3			1.8	2.5					T	T	1.5		1.0										
	SN ON GND	23	23	22	22	22	22	22	22	22	22	24	26	26	25	25	25	25	25	26	26	25	25	22	21	20	20	20	19			
CHICAGO O'HARE WSO AP	SNOWFALL		.1	T			T	T	T		.2	2.1	2.0	T	T	T	.2	T	1.8			.4							T			
	SN ON GND	19	19	18	18	17	17	16	15	15	15	16	19	19	19	19	18	17	17	19	19	16	14	13	12	11	10	10	8			
	WTR EQUIV	3.8	3.6	3.5	3.4	3.3	3.2	3.4	3.4	3.3	3.1	3.1	3.5	3.2	3.2	3.2	3.7	3.7	3.8	3.8	4.1	4.3	3.8	2.3	2.1	1.9	1.9	2.8	2.6			
CHICAGO MIDWAY WSO AP	SNOWFALL		T	.1				T	.2		.1	1.8	2.9			T	T	T	3.4			.3							T			
	SN ON GND	26	26	26	24	23	22	20	20	19	19	19	22	22	22	22	22	22	22	25	25	22	20	18	13	13	12	12	12			
	WTR EQUIV	6.0	6.0	5.7	5.9	5.2	4.6	5.0	4.7	5.2	5.9	5.4	5.3	5.2	6.5	6.1	6.5	6.3	6.7	7.1	6.1	5.0	4.5	3.8	2.7	3.8	3.5	3.2	3.5			
DE KALB	SNOWFALL								.2		.2	1.9	4.0		T	T		T	2.0										.5			
	SN ON GND	24	23	23	23	22	21	21	21	21	21	23	27	27	27	27	26	25	26	24	21	20	19	18	18	17	17	16	16			
MORRIS	SNOWFALL				T			T	.3	T		1.0	2.5					T	T	1.0		T										
	SN ON GND	29	29	28	27	27	27	27	27	27	26	26	28	27	26	25	25	25	25	26	25	20	18	16	14	14	14	13	12			
OTTAWA	SNOWFALL			T					1.8			.5	2.5			T			1.5													
	SN ON GND	30	28	26	26	26	26	26	27	27	25	24	26	25	24	24	24	24	25	25	24	22	21	20	19	19	19	19	18			
PARK FOREST	SNOWFALL				T			T	T	T		2.5	4.0					T	.3	2.5												
	SN ON GND	14	14	13	13	13	13	13	13	13	13	14	18	19	19	18	18	16	14	16	14	13	13	11	10	9	9	8	8			
• • • WEST 03																																
CANTON 1 ESE	SNOWFALL								4.0				T									T										
	SN ON GND	32	32	32	30	30	28	28	32	32	32	32	32	30	30	30	30	30	30	30	28	28	27	26	26	25	23	23	23			
LA HARPE	SNOWFALL			T					4.0							T		T		1.0												
	SN ON GND	19	18	18	18	18	16	16	20	20	20	19	18	17	16	15	15	15	15	16	14	12	11	9	8	8	8	7	6			
MONMOUTH	SNOWFALL								2.1										1.6													
	SN ON GND	16	16	16	16	16	15	15	17	17	17	16	15	15	14	14	14	14	15	15	13	11	10	10	10	10	10	9	9			
QUINCY FAA AP	SNOWFALL		.3	.1					2.2								T		1.2										T			
	SN ON GND	14	14	14	13	13	13	12	12	12	11	11	10	9	8	7	6	6	6	7	7	6	5	4	2	2	2	2	2			
• • • CENTRAL 04																																
DECATUR	SNOWFALL			.8				T	2.0	4.0							T		.5	.5												
	SN ON GND	16	15	16	16	15	15	15	17	20	20	20	16	16	15	12	12	12	13	13	13	11	10	7	6	6	6	5	4			
FARMER CITY	SNOWFALL								2.5								1.0		1.0	1.0												
	SN ON GND	19	19	19	19	19	19	19	23	23	23	23	23	23	23	23	24	24	25	25	24	20	15	10	8	7	6	6	5			
LACON 2 E	SNOWFALL			T			T		1.9				T						2.0													
	SN ON GND	20	20	19	19	19	18	17	18	18	18	18	17	17	16	16	16	16	18	18	17	15	13	11	10	10	9	6	5			
LINCOLN	SNOWFALL			1.0						3.0								T	T	.5												
	SN ON GND	12	12	13	13	13	11	10	10	13	13	13	13	13	13	10	8	8	8	8	8	8	8	6	4	4	4	4	4			
NORMAL	SNOWFALL			T				.2	2.3		T		T				.2		2.0													
	SN ON GND	21	21	20	20	20	19	19	21	21	21	19	17	17	16	15	15	15	17	17	16	11	9	7	7	7	7	6	6			
PEORIA WSO AP	SNOWFALL			T				T	2.7		T		T				T		.9			T							T			
	SN ON GND	17	17	17	16	15	15	15	16	17	17	17	17	17	17	16	14	14	14	15	15	14	14	12	11	11	11	10	9			
	WTR EQUIV	4.6	3.7	4.1	4.7	3.9	4.1	4.0	4.1	4.8	5.1	5.0	5.0	4.9	4.5	4.7	4.7	4.7	4.8	4.3	4.5	3.5	4.3	3.8	3.4	3.7	3.5	3.2	3.4			
• • • EAST 05																																
DANVILLE	SNOWFALL			.8					1.3										2.2													
	SN ON GND	8	-	-	-	8	7	7	9	-	-	-	8	8	7	6	-	-	-	9	8	4	2	-	-	-	T	T				
HOOPESTON 1 NE	SNOWFALL			.1	T			T	T	1.2		T	T	T		T	T	T	.4	1.3												
	SN ON GND	9	9	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	10	10	9	8	5	3	3	3	3	2			
KANKAKEE WTR POLL CTR	SNOWFALL								1.0	T	1.0		3.0	T		T				2.0		T										
	SN ON GND	25	25	25	25	25	25	25	26	26	27	27	30	30	30	30	30	28	24	26	26	20	16	13	10	9	8	7	5			
PIPER CITY 3 SE	SNOWFALL			T	T				1.4	1.0			.3					T	.5	1.5												
	SN ON GND	26	26	26	26	26	26	26	27	28	28	28	28	27	25	22	19	19	20	21	21	18	15	11	9	9	9	7	6			
PONTIAC	SNOWFALL				T			T	1.0	1.0		T	.5				T	T	.5	1.5												
	SN ON GND	17	17	17	17	17	17	16	17	18	18	18	18	17	17	17	17	17	17	19	18	17	16	13	12	11	10	10	9			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
URBANA	SNOWFALL		1.0	T				T	2.8		T		T				T		2.0										T			
	SN ON GND	18	18	17	17	16	16	16	18	18	18	17	16	16	16	14	14	14	15	15	15	13	10	8	6	6	6	6	5			
WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL		T	.3				T	3.5				T				T	T	1.3	T									T			
	SN ON GND	12	11	10	10	10	8	7	11	11	10	9	9	8	8	6	6	6	7	7	5	4	2									
EDWARDSVILLE 1 NE	SNOWFALL			.5						2.5									.5													
	SN ON GND	8	7	7	7	6	6	5	5	7	6	6	5	5	4	3	2	2	2	2	2	2	2	T	T							
GRIGGSVILLE	SNOWFALL			3.0					T	2.0						T		T	.5	1.0												
	SN ON GND	16	16	19	19	19	19	19	19	21	21	21	20	20	20	20	19	18	18	19	16	12	10	6	4	4	3	3	2			
JACKSONVILLE 2 E	SNOWFALL			2.0						1.5									.5	.5												
	SN ON GND	9	8	10	10	10	9	9	9	10	10	10	9	8	7	5	5	5	5	6	5	5	3	2	1							
PANA	SNOWFALL			.3	T			T	T	2.5				T				T	.3	.5												
	SN ON GND	19	18	18	18	18	17	16	16	19	18	18	17	17	16	15	14	14	15	15	15	12	11	7	7	6	6	5	5			
SPRINGFIELD WSO AP	SNOWFALL		1.5	T					2.4								T		.7	T												
	SN ON GND	9	8	9	9	9	9	8	8	10	10	10	9	9	8	7	6	6	6	7	6	4	3	2	1	1	T	T	T			
	WTR EQUIV	1.8	1.8	2.4	2.3	2.4	2.0	3.0	2.8	2.4	2.6	2.9	2.4	2.1	2.2	2.4	2.0	1.9	2.1	1.9	1.7	1.2	1.1									
WHITE HALL 1 E	SNOWFALL		T	1.5					.7										.5													
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL			1.5	T					3.0									1.0	1.0						.3	2.2					
	SN ON GND	4	4	5	4	4	4	4	4	7	7	6	5	5	5	4	4	3	4	4	3	2	T			1	3	3	2			
OLNEY 2 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PARIS WATERWORKS	SNOWFALL		.5	1.5					3.5				T						5.5							T						
	SN ON GND	23	23	25	24	24	23	23	26	26	26	24	24	23	22	21	21	21	26	26	23	19	7	2	1	1	T	T	T			
SALEM	SNOWFALL		.2	T				T	2.5	T							T		2.5							2.0						
	SN ON GND	11	11	11	10	10	10	10	13	13	11	9	8	7	5	3	3	3	5	4	3	2	T			2	1	1				
TUSCOLA	SNOWFALL			2.0				T	1.0	-							T		1.0													
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WINDSOR	SNOWFALL		T	.5				T	5.5								T		1.5													
	SN ON GND	13	13	12	12	12	11	11	17	17	16	15	13	11	9	7	7	7	8	8	5	4	2	2	1	1	1	T	T			
SOUTHWEST 08																																
ANNA 1 E	SNOWFALL							.6	2.0										1.0							20.0						
	SN ON GND	4	4	2	2	1	1	2	4	4	3	2	1	1	T				T	T						20	16	14	12			
BELLEVILLE SO ILL UNIV	SNOWFALL							.5	3.0								T															
	SN ON GND	14	14	13	13	13	12	12	14	14	13	10	10	10	8	5	5	5	5	5	3	2	1									
CAIRO WSO CI	SNOWFALL						.6	1.4	.7									T	.8							2.0						
	SN ON GND	1	T					2	2	3	2	2	1	T					1	T						1	2	2	1			
CARBONDALE SEWAGE PL	SNOWFALL			T					T	3.0								T	.5	T						2.2	10.0					
	SN ON GND	6	6	6	4	2	2	2	2	5	4	3	2	2	1	T	T	T	1	T	T					2	12	12	11			
NASHVILLE 4 NE	SNOWFALL			T						3.5									1.7							1.9	2.3					
	SN ON GND	12	12	10	9	9	9	7	7	10	10	10	9	8	7	6	4	3	5	4	3	2	T	T	T	2	4	4	3			
SPARTA	SNOWFALL		T	T					3.0	T									1.1							5.0						
	SN ON GND	6	6	5	5	4	4	4	7	6	5	5	4	3	3				1							5	5	4	4			
SOUTHEAST 09																																
ALBION	SNOWFALL							2.0											2.5							5.0						
	SN ON GND	5	4	3	3	3	3	4	4	3	2								2	2	1					4	4	3				
BROOKPORT DAM 52	SNOWFALL							3.8	1.3	1.5									1.0								3.0					
	SN ON GND	1	1	1	T	T	T	4	5	7	7	6	4	1	1	T			1	1	T						3	2	T			
DIXON SPRINGS AGR C	SNOWFALL							2.5	1.7										1.7							6.0	.1					
	SN ON GND	2	2	1	1			3	5	4	4	2							1							6	6	4	1			
GOLCONDA DAM 51	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	2	2	1	1	T	T	4	4	6	6	5	3			1	T		2	1							6	3				
HARRISBURG	SNOWFALL			T				T	3.0	1.0									2.0							11.0	1.0					
	SN ON GND	4	4	2	2	2	2	2	5	6	5	3	2	2	1				2	T						11	12	8	5			
MC LEANSBORO 2 ENE	SNOWFALL			T						4.0									2.0						T	2.0	6.0					
	SN ON GND	6	6	5	4	4	3	3	2	6	6	5	2	1	1	1	T	T	2	1	T	T			T	2	8	7	6			
MT VERNON 3 NE	SNOWFALL									6.5									2.0							4.0	T					
	SN ON GND	14	11	7	5	5	5	5	5	12	12	8	6	5	1	1			2							4	4	2	2			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS	7	38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER	4	41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE	1	41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSO AP R	1577	02	COOK	3	41 47	87 45	627	MID	MID		C HJ	NATL WEATHER SERVICE
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL	3	41 27	87 38	664				C	VILLAGE OF CRETE
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON	1	39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE	6	41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE	1	42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY	1	41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY	6	41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD 1 S	3666	06	GREENE	1	39 20	90 12	550				C	WILLIAM C MENG
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		7A		C	CITY DISPOSAL PLANT
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	7A	7A		C H	JERRY SYMONS
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	7A	7A			JAMES L SAMPSON
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	5P	5P		H	MRS D B PACE JR
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL	4	42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON	1	40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES	7	39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY	1	41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	7A	7A		H	CITY OF MORRISON
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL	4	42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE	6	42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE	1	41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL	1	41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION	2	38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	640				C	MERLE E LASH
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 2 NW	8781	07	FAYETTE	2	38 59	89 07	540	7A	7A		C	KEN C RITTER
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS	1	39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE	4	38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL	1	41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX	1	40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
‡	DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

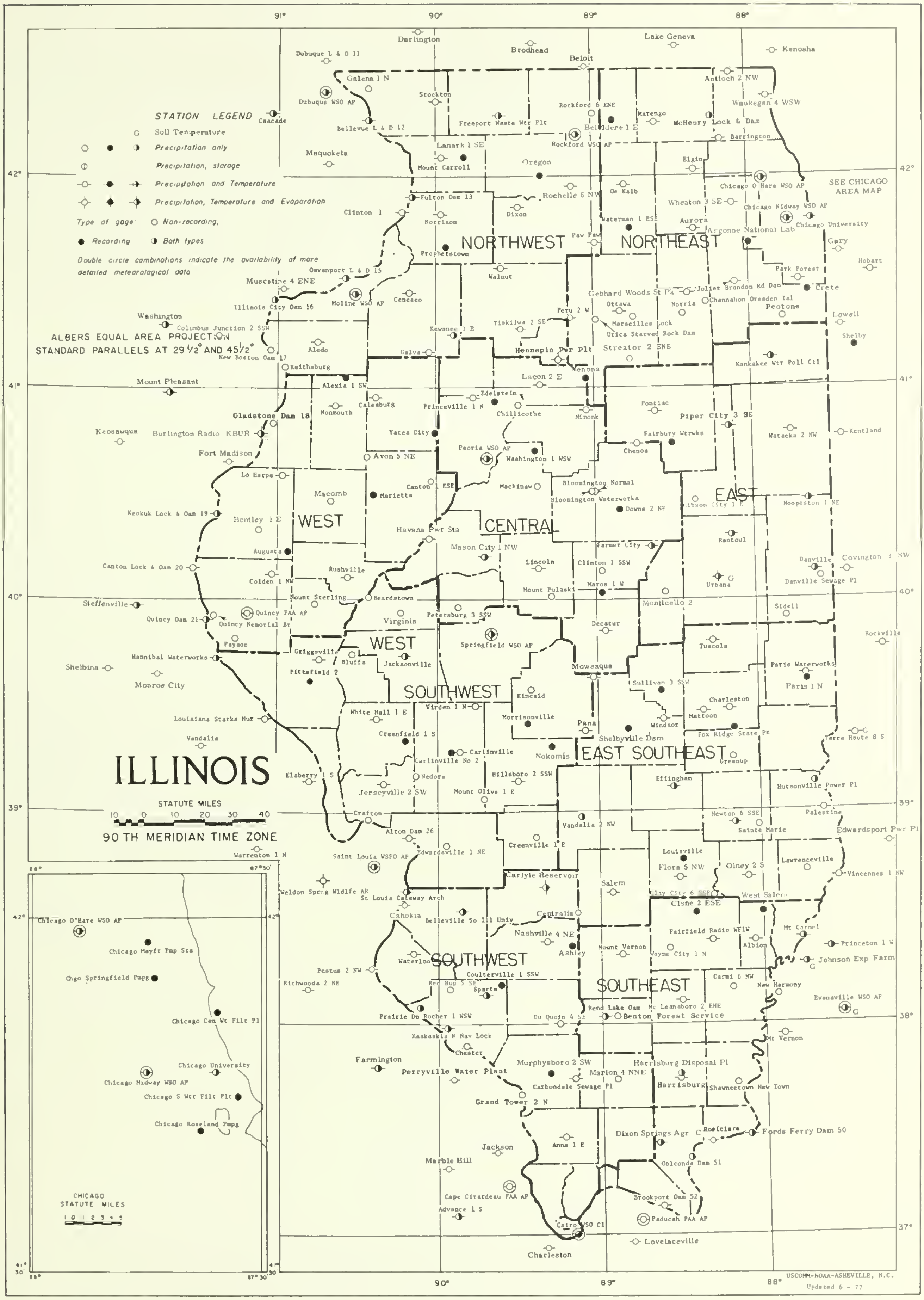
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.10 per year for each section including annual summary; $8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of $2.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 2B801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording
◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST
SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton
Rockford 6 ENE
Marengo
Waukegan 4 WSW
Cascade
Freeport Waste Wtr Plt
McHenry Lock & Dam
Bellevue L & D 12
Belvidere 1 E
Rockford WSO AP
Barrington
Lanark 1 SE
Maquoketa
Mount Carroll
Oregon
Elgin
Chicago O Hare WSO AP
Rochelle 6 NW
De Kalb
Fulton Dam 13
Wheaton 3 SE
Chicago Midway WSO AP
Clinton 1
Morrison
Dixon
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Gary
Paw Paw
Prophetstown
Hobart
Walnut
Park Forest
Davenport L & D 15
Muscatine 4 ENE
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Channahon Dresden Isl
Illinois City Dam 16
Moline WSO AP
Geneseo
Ottawa
Norris
Peotone
Peru 2 W
Marseilles Lock
Lowell
Washington
Kewanee 1 E
Tiskilwa 2 SE
Utica Starved Rock Dam
Shelby
Columbus Junction 2 SSW
Aledo
Hennepin Pwr Plt
Streator 2 ENE
New Boston Dam 17
Galva
Kankakee Wtr Poll Ctl
Keithsburg
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville 1 N
Pontiac
Monmouth
Chillicothe
Minonk
Piper City 3 SE
Gladstone Dam 18
Kentland
Keosauqua
Burlington Radio KBUR
Yates City
Wataeka 2 NW
Fairbury Wtrwks
Fort Madison
Avon 5 NE
Peoria WSO AP
Chenoa
Washington 1 WSW
La Harpe
Canton 1 ESE
Mackinaw
Bloomington Normal
Macomb
Marietta
Bloomington Waterworks
Gibson City 1 E
Hoopeston 1 NE
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana Pwr Sta
Farmer City
Augusta
Mason City 1 NW
Rantoul
Covington 3 SW
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Rushville
Colden 1 NW
Urbana
Danville Sewage Pl
Maroa 1 W
Mount Pulaski
Mount Sterling
Beardstown
Steffenville
Monticello 2
Quincy FAA AP
Sidell
Petersburg 3 SSW
Quincy Dam 21
Quincy Memorial Br
Virginia
Decatur
Payson
Rockville
Springfield WSO AP
Tuscola
Hannibal Waterworks
Griggsville
Bluffs
Jacksonville
Moweaqua
Paris Waterworks
Shelbina
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Monroe City
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Morrisonville
Mattoon
Louisiana Starks Nur
Windsor
Pana
Greenfield 1 S
Shelbyville Dam
Fox Ridge State PK
Vandalia
Carlinville
Terre Haute 8 S
Carlinville No 2
Nokomis
Greenup
Elsberry 1 S
Nedora
Hillsboro 2 SSW
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
Crafton
Newton 6 SSE
Palestine
Vandalia 2 NW
Sainte Marie
Edwardsport Pwr Pl
Alton Dam 26
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
Louisville
Saint Louis WSFO AP
Flora 5 NW
Olney 2 S
Lawrenceville
Carlyle Reservoir
Vincennes 1 NW
Salem
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
West Salem
Cisne 2 ESE
Belleville So Ill Univ
Cahokia
Centralia
Mt Carmel
Fairfield Radio WFIW
Nashville 4 NE
Princeton 1 W
Albion
Ashley
Mount Vernon
Wayne City 1 N
Waterloo
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
Richwoods 2 NE
Red Bud 5 SE
New Harmony
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Fords Ferry Dam 50
Anna 1 E
Jackson
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO C1
Lovelaceville
Charleston
88°
87°30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
1 0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

U.S. MAIL

THIRD CLASS
BULK RATE

14/12: 84/3

MARCH 1979 VOLUME 84 NUMBER 3

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	HARRISBURG	78	DATE 18
LOWEST TEMPERATURE:	ROCHELLE	-2	DATE 11
GREATEST TOTAL PRECIPITATION:	CARLYLE RESERVOIR	8.26	
LEAST TOTAL PRECIPITATION:	GALENA 1 N	2.08	
GREATEST 1 DAY PRECIPITATION:	DIXON SPRINGS AGR C	3.05	DATE 31
GREATEST TOTAL SNOWFALL:	LA HARPE	8.5	
GREATEST DEPTH OF SNOW OR ICE:	ROCKFORD 6 ENE	27	DATE 04+

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	41	SW	13	-	-	-	-	0	2	3	2	3	0	10	45	-
CHICAGO O HARE WSO AP	22	4.6	12.6	35++	20	30	85	86	74	79	8	5	9	1	1	0	24	-	7.5
CHICAGO MIDWAY WSO AP	22	3.8	10.8	46	S	30	84	86	77	78	7	8	6	2	1	0	24	45	7.7
MOLINE WSO AP	26	3.3	12.2	34	NW	14+	79	82	74	77	7	8	5	1	1	0	22	32	7.9
PEORIA WSO AP	22	3.3	11.5	32	W	13	79	82	75	76	8	6	5	4	0	0	23	30	8.2
ROCKFORD WSO AP	23	2.6	12.0	30++	21	30+	83	84	74	78	7	8	5	3	0	0	23	-	7.7
SPRINGFIELD WSO AP	23	3.5	12.9	32	S	29	82	85	75	76	5	4	8	3	0	0	20	26	8.0

CLEMSON UNIVERSITY LIBRARY
JUN 18 1979
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER. ASHEVILLE. NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
■ ■ ■ NORTHWEST 01																							
ALEDO	46.9	29.2	38.1	1.1	71	19	6	11	827	0	2	19	0	3.06	.53	1.20	29	3.8			6	2	1
DIXON	42.5	25.4	34.0	- 2.1	65	31	1	11	955	0	4	20	0	3.90	1.61	1.03	30	3.4	22	1	8	3	1
FREEPORT WASTE WTR PLT	40.6	23.3	32.0		66	31	2	11	1016	0	5	23	0	2.80		.86	30	3.5	16	1	7	2	0
FULTON DAM 13	41.6	24.5	33.1	- 2.2	65	31	4	11	982	0	4	23	0	2.19	.03	1.22	30	T	10	2+	4	1	1
GALVA	43.3	26.2	34.8	- 2.1	67	20	3	11	931	0	4	22	0	3.99	1.40	.87	30	6.8	12	2+	11	3	0
GENESEO	43.8	27.9	35.9		69	19	7	11+	896	0	3	17	0	3.44	.99	1.14	29	1.6	8	2+	9	2	1
HENNEPIN POWER PLANT	44.5	27.3	35.9		70	20	9	15	896	0	4	20	0	4.16		1.22	4	.0			11	3	1
KEWANEE 1 E																							
MOLINE WSO AP R	44.5	28.0	36.3	.6	71	19	7	11	884	0	3	17	0	2.77	.20	1.00	29	3.4	8	1	7	2	1
MORRISON	43.7	26.5	35.1	- 1.1	68	30	4	11	918	0	3	22	0	3.22	.70	.92	29	4.0	20	2+	8	3	0
MOUNT CARROLL	41.3	23.7	32.5	- 2.5	67	31	0	11	1001	0	4	24	1	2.72	.42	.85	30	3.0	23	1	8	1	0
PAW PAW	39.2	22.5	30.9		64	23	0	11	1050	0	9	24	1	2.62	.05	1.03	30	2.0	17	1	8	1	1
ROCHELLE	40.1	22.3	31.2		63	23	- 2	11	1040	0	7	26	1	3.59		1.10	30	4.0	2	2+	7	3	2
ROCKFORD WSO AP //R	39.3	24.0	31.7	- 2.4	65	22	- 1	11	1026	0	8	23	1	3.74	1.09	.96	29	4.5	16	2+	8	3	0
STOCKTON 1 N	41.3M	22.4	31.9M		62	30	0	11	1025	0	6	25	1	2.64		1.18	30	2.8			6	1	1
TISKILWA 2 SE	45.9	28.5	37.2		67	19	4	11	852	0	3	21	0	4.02	1.38	.95	29	4.0	20	1	10	3	0
WALNUT	43.9	28.1	36.0	- .5	64	30+	3	11	892	0	3	20	0	4.64	2.22	1.15	29	1.0	10	1	13	4	1
DIVISION			34.2	- 1.5										3.34	.91			3.0					
■ ■ ■ NORTHEAST 02																							
ANTIOCH 2 NW	41.6	22.6	32.1	- 2.1	64	19	1	11	1014	0	6	26	0	4.01	1.53	1.23	4	6.6	18	1	9	3	1
AURORA	44.0	26.0	35.0	- .5	72	22	1	11	924	0	4	24	0	4.90	2.47	1.30	4		19	1	11	3	1
BARRINGTON	41.9	24.8	33.4		65	23	1	11	975	0	7	23	0	3.37		1.11	30	1.5	14	1	8	2	1
CHICAGO O'HARE WSO AP R	44.8	27.9	36.4	.7	70	18	4	11	879	0	6	22	0	4.49	1.97	1.07	3	2.0	7	1	11	2	1
CHICAGO UNIVERSITY //	46.4M	30.6	38.5M	1.8	70	19	4	11	812	0	4	16	0	4.41	1.74	1.23	4		15	1	11	2	2
CHICAGO MIDWAY WSO AP //R	43.3	27.5	35.4	- 1.4	69	18	3	11	910	0	6	23	0	4.31	1.58	1.33	29	2.0	10	1	9	3	1
DE KALB	42.8	27.6	35.2	.7	65	22	3	11	914	0	4	19	0	4.12	1.61			2.5	15	1			
ELGIN	41.9	23.3	32.6		69	23	2	11	999	0	8	23	0			1.30	4					2	1
GEBHARD WOODS ST PARK	43.6	26.3	35.0		70	23	2	11	926	0	6	25	0			1.31	4		12	1			2
JOLIET BRANDON RD DAM	44.5	25.8	35.2	- 2.0	73	23	3	12+	918	0	4	22	0	4.63	2.01	1.82	4				8	3	1
MARENGO	44.1	25.0	34.6	.6	69	22	0	11	935	0	3	23	1	4.10	1.61	1.05	30	5.5	18	1	10	3	1
OTTAWA	47.6M	30.9M	39.3M	1.2	69	22	5	11	774	0	3	17	0	5.55	2.84	1.36	29		17	2+	12	4	1
PARK FOREST	42.6M	26.8	34.7M		69	19	2	11	931	0	5	22	0			.91	30	1.0	8	2+			0
PERU 2 W	46.3	28.8	37.6	.2	68	23+	3	11	843	0	3	19	0	4.58	1.84	.82	29	1.0	1	9	12	4	0
WAUKEGAN	41.4	23.7	32.6	- 1.9	63	31	2	12+	997	0	7	26	0			1.14	4	1.9	18	2+		3	1
WHEATON 3 SE	47.5M	27.3M	37.4M		73	22	0	11	847	0	3	21	1	4.51	1.88	1.67	4	1.1	13	3+	9	2	1
DIVISION			35.3	- .8										4.42	1.81			2.5					
■ ■ ■ WEST 03																							
GALESBURG	45.0	27.8	36.4		70	19	5	11+	877	0	3	19	0	4.09	1.27	1.49	30	5.0	10	1	8	3	1
GOLDEN 1 NW	51.2	31.5	41.4		73	19	11	11	727	0	0	18	0	0 3.40	.58	.57	9	3.0	5	1	11	1	0
LA HARPE	50.1	30.3	40.2	1.7	73	19	6	11	762	0	1	16	0	4.23	1.40	.76	31	8.5	6	1	13	4	0
MONMOUTH	47.4	30.1	38.8	1.2	72	19	7	11	805	0	1	19	0	4.42	1.72			6.2	8	2+			
QUINCY FAA AP	49.4	32.3	40.9		73	19	14	11+	740	0	1	18	0	3.02	.28	.78	18	7.1	2	11+	5	4	0
QUINCY DAM 21 //	49.7	31.6	40.7		73	29+	18	16+	747	0	2	20	0	3.97	1.38	.81	23	1.5	6	2+	10	2	0
RUSHVILLE	49.7M	31.6M	40.7M	1.1	73	19	7	11	748	0	0	19	0	3.37	.41	.95	19	4.5	3	10+	10	2	0
DIVISION			39.9	1.0										3.79	1.00			5.1					
■ ■ ■ CENTRAL 04																							
CHENOA	46.7M	29.1	37.9M		71	18	5	12+	824	0	3	25	0	3.11		1.35	4	4.0	4	2+	7	2	1
DECATUR	51.6	32.5	42.1	1.5	76	18	8	11	704	0	1	16	0	5.43	2.32	1.98	4		4	1	9	4	1
FARMER CITY	48.5	30.9	39.7		72	18	6	11	775	0	2	19	0	6.04		1.71	4	3.0	3	1	10	4	3
HAVANA 4 NNE	46.8	29.9	38.4		72	20+	9	11	818	0	3	22	0	4.01	1.19	1.52	19	6.0	2	25	13	1	1
LACON 2 E	48.3	28.9	38.6		71	19+	4	11	809	0	2	22	0	4.93		1.41	29	1.3	1	24	9	3	1
LINCOLN	49.5	31.6	40.6	.9	72	18	8	11	750	0	1	19	0	4.94	2.09	1.18	4	6.0	4	1	11	3	2
MASON CITY 1 NW	48.1	32.3	40.2		70	18	9	11	760	0	1	17	0	4.29		1.92	9	4.5	3	10+	9	1	1
MINONK	44.4	26.6	35.5	- 2.0	71	20	7	11	908	0	3	24	0			1.70	4	4.9					2
NORMAL	49.1	31.5	40.3	1.2	72	18	5	11	758	0	2	18	0	4.53	1.79	.93	4	2.8	4	1	9	3	0
PEORIA WSO AP //R	46.1	29.7	37.9	.6	70	18	6	11	833	0	2	18	0	4.42	1.62	.85	3	6.5	7	2+	9	4	0
PRINCEVILLE	44.9M	26.7	35.8M		71	18	3	11	901	0	6	23	0	3.79	1.25	1.09	19	3.1			5	4	2
DIVISION			38.8	- .1										4.55	1.80			4.2					
■ ■ ■ EAST 05																							
DANVILLE	52.3	32.6M	42.5M	2.6	74	18	7	11	691	0	1	16	0	4.26	1.43	.60	28	6.0			11	4	0
HOOPESTON 1 NE	49.1	31.3	40.2	1.5	72	22+	6	11	763	0	3	19	0	4.20	1.31	1.23	4	3.2	2	1	10	2	2
KANKAKEE WTR POLL CTR	44.5	25.6	35.1		72	23	3	11	920	0	6	22	0	2.72		.92	3	2.0	5	1	5	2	0
PIPER CITY 3 SE	47.1	30.3	38.7	.8	70	22	5	11	809	0	4	23	0	3.44	.90	1.11	4	3.9	5	1	8	2	1
PONTIAC	46.8	30.3	38.6	.2	70	18	5	11	813	0	4	23	0	4.19	1.87	1.54	4	2.0	9	1	9	2	1
RANTOUL	45.2M	28.5M	36.9M		69	23	7	12	864	0	3	18	0			1.12	19		2	25		2	1
URBANA	47.3	30.6	39.0	- .3	72	18	6	11	798	0	4	19	0	4.87	1.74	.88	19	4.9	4	2+	9	4	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
MARCH 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	44.9	28.6	36.8		73	23	5	11	867	0	4	22	0	5.82	2.94	2.02	4	3.0	2	3+	11	4	1
DIVISION			38.5	- .1										4.21	1.50			3.6					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	50.0	32.4	41.2		71	29+	7	11	729	0	1	17	0	4.51		1.20	4	1.0	1	25	11	2	2
CARLINVILLE	53.6	33.4	43.5	1.8	74	19+	14	11	661	0	1	17	0	3.54	.53	.63	23	2.4	1	24	9	3	0
GRIGGSVILLE	50.9M	31.5	41.2M	.6	75	19	11	11	731	0	2	18	0	3.89	1.07	1.23	19	8.0	3	25	11	2	1
HILLSBORO	54.8	34.2	44.5	2.2	76	19	12	11	626	0	1	17	0			1.95	4	1.0	0			4	2
JACKSONVILLE 2 E	48.3	29.3	38.8	- 2.2	73	20	11	11	802	0	3	23	0	4.18	1.40	1.41	19	4.1	3	10	7	3	1
JERSEYVILLE 2 SW	52.2M	32.8	42.5M		75	20	16	11	693	0	2	17	0	3.33		.87	19	1.0	1	25	9	2	0
PANA	51.3	33.7	42.5	1.1	73	19	12	11	691	0	1	17	0	6.72	3.60	1.94	4	2.2	1	25	11	5	3
SPRINGFIELD WSO AP R	48.8	31.7	40.3	.9	74	18	9	11	758	0	2	16	0	3.75	1.05	.85	19	8.1	2	25+	11	3	0
VIRDEN 1 N	52.1	32.4M	42.3M		73	18	9	11	698	0	1	17	0	3.27	.33	.88	4	8.0	3	25	8	2	0
WHITE HALL 1 E	53.7	33.0	43.4	1.7	74	19	12	11	662	0	1	18	0	2.55	- .12	.87	19	2.0	T	25+	5	2	0
DIVISION			42.0	.6										3.97	1.06			3.8					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	52.9	33.3	43.1	2.1	74	18	10	11	670	0	1	17	0	5.49	2.28	1.55	4	1.2	1	24	10	4	1
EFFINGHAM 3 W	48.8	32.2M	40.5M	- 1.0	73	19	13	11	760	0	2	16	0	6.27	2.99	2.37	4	1.2	1	25+	9	3	1
FLORA 5 NW	53.8	34.6	44.2	.8	74	18	15	11	637	0	1	14	0	7.21	3.46	1.82	4	1.5	2	1	10	6	2
MATTOON	49.3	32.5	40.9		71	18	11	11	738	0	2	17	0	4.74		1.28	3	.5	T	25+	10	4	1
MOWEAQUA	53.3	34.1	43.7		74	19	10	11	654	0	1	14	0						3	4			
NEWTON 6 SSE	49.6	32.5	41.1		72	19	14	11	732	0	2	20	0	3.75	.44	.78	23	.5	1	25+	10	3	0
OLNEY 2 S	54.5	35.7	45.1	1.3	76	18	11	11	610	0	1	15	0	3.98	.12	1.10	23				8	3	1
PALESTINE	53.5	35.7	44.6	1.8	75	18	14	11	625	0	1	12	0	4.21	.49	.88	23+	1.0	T	25+	8	4	0
PARIS WATERWORKS	51.1	33.6	42.4	1.7	73	18	9	11	694	0	2	13	0	4.36	1.10	.83	23	1.3	1	25	10	4	0
SALEM	54.2	34.7	44.5		74	19+	16	11	631	0	1	15	0	6.86		1.09	23	T	T	25+	13	7	3
TUSCOLA	52.4	33.1	42.8		72	18	8	11	683	0	1	18	0	4.93	1.59	1.05	4	.2			8	6	1
VANDALIA 2 NW	50.4	33.2	41.8		74	19	14	11	713	0	0	19	0	5.67		2.36	4				9	3	1
WINDSOR	52.2	33.0	42.6	1.9	74	18	10	11	685	0	2	19	0	5.06	1.80	1.06	4		1	25+	9	4	1
DIVISION			42.9	1.1										5.21	1.81			.8					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	56.0	36.7	46.4	.9	73	18	18	11	575	0	0	10	0	7.12	2.23	1.62	23	4.0	12	1	9	7	3
BELLEVILLE SO ILL UNIV	56.5	34.8	45.7		75	19	18	11	594	0	0	16	0	5.30		1.14	23	2.0	0		10	4	2
CAHOKIA	53.2	34.5	43.9		75	14	18	11	647	0	0	14	0	3.09		1.05	23	T	T	26+	10	1	1
CAIRO WSO CI R	55.6	40.9	48.3	.5	73	18	24	11	515	0	0	7	0	6.17	1.43	1.69	31	.3	T	1	8	5	3
CARBONDALE SEWAGE PL	53.1	35.4M	44.3M	- 1.4	74	19	19	11	626	0	0	14	0	5.26	.87	1.06	23	1.0	9	1	11	5	1
CARLYLE RESERVOIR	50.7	33.1	41.9	- 1.2	75	19	17	11	708	0	0	17	0	8.26	4.86	1.67	21	1.0	1	27+	12	5	4
DU QUOIN 4 SE	54.3	35.2	44.8	- .3	75	18	19	11	621	0	1	14	0	0 6.27	2.19	1.80	3	.5	0		7	5	2
KASKASKIA R NAV LOCK	53.2	33.0	43.1		76	19	19	11	669	0	0	16	0			1.20	23	1.0	2	1		4	1
MARION 4 NNE	53.6	34.8	44.2		75	19	19	11	639	0	1	15	0	5.86	1.30	1.23	23	.6	15	1	12	6	1
NASHVILLE 4 NE	54.0	35.3	44.7		75	19	17	11	623	0	1	15	0	5.25	1.66	1.25	4	.3	3	2+	8	4	1
SPARTA	55.4	35.8	45.6	.5	75	19+	19	11	592	0	0	13	0			1.83	23	2.6	3	1		4	2
WATERLOO	53.4M	34.2M	43.8M		76	20	17	11	658	0	0	18	0	4.87	1.70			1.0	1	25			
DIVISION			44.7	- .3										5.75	1.65			1.2					
• • •																							
SOUTHEAST 09																							
ALBION	55.9	36.3	46.1		74	18	15	11	577	0	0	13	0	4.80	.41	1.14	23	4.0	2	1	11	3	1
BROOKPORT DAM 52	57.9	39.4	48.7		73	18	23	15+	498	0	0	8	0	5.64	.48	1.64	23	.5	0		8	4	2
DIXON SPRINGS AGR C	58.2	38.4	48.3		76	18	18	11	512	0	0	10	0	8.12		3.05	31	.4	T	24	9	4	3
FAIRFIELD RADIO WFIW	54.5	36.1	45.3	1.0	75	18	15	11	603	0	1	14	0	5.94	1.91	1.68	23	.0	2	3+	11	4	2
HARRISBURG	56.8	37.4	47.1	.7	78	18	19	11	547	0	1	12	0	5.94	1.22	1.62	31	2.0	2	1	10	5	2
MC LEANSBORO 2 ENE	52.1	34.3	43.2	- 2.0	75	19	18	11	669	0	0	15	0	5.66	1.57	.96	23	.4	3	1	10	5	0
MT CARMEL	52.3	35.0	43.7		73	19	15	11	655	0	0	14	0	4.47		1.05	4	.4	1	1	7	5	1
MT VERNON 3 NE	55.2M	34.2	44.7M	.7	75	19	19	16+	617	0	0	14	0	5.37	1.56	.94	4	.2	0		10	5	0
RENO LAKE DAM	52.4	35.1	43.8		76	19	18	11	653	0	2	12	0	5.96		1.19	23	.0	0		10	6	1
ROSICLARE	58.1	37.7	47.9		77	18	19	11	525	0	0	12	0	7.63	2.51	1.90	31	T	0		8	5	3
DIVISION			45.9	.8										5.95	1.56			.8					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
MARCH 1979

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x NORTHWEST 01																																
ALEDO	3.06			.58	.02			.08		.21				.05				.47	.12	.07				.16	.05	T			.05	1.20		
DIXON	3.90	.06		T	.82	T		T	.03	T	.11				T	T			.33	.50					.49	.10				.09	1.03	.34
FREEPORT WASTE WTR PLT	2.80	.10			.68	T		T	T	T						T			.11	.29				.02	.46	.22			T	T	.86	.06
FULTON DAM 13	2.18	.07		.07	.15	T		T	.05	T						T			.29	.12				.02	.02	.05			T	.04	1.22	.09
GALENA 1 N	2.08	.05		.11	.03	.07		.01	.01	T						.05			.14	.14				.09	.39	.05				.05	.78	.11
GALVA	3.99	.07		.10	.53	T		.03	.03	.18	.12								.21	.43				.01	.11	.24			T	.42	.87	.64
GENESEO	3.44	T		.88	T		.01	.07	T	.18	T			.06				.33	.28	.12			T	.09	.11	T			.11	1.14	.10	T
HENNEPIN POWER PLANT	4.18	.52		.15	1.22			T		.15	.11							.20	.10	.44					.04					.28	.12	.83
ILLINOIS CITY DAM 16 //	2.70	.02		.02	.47	.01		.02		.05	T							.03	.33	.20				.37	T	T			T	.04	1.14	T
KEITHSBURG	3.80	.02		.15	.33		T	.05	.03	.21	T			T	.04	T		.23	.21	.28	T			.36	.07	.06	T		.03	.94	.79	T
KEWANEE 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLINE WSO AP R	2.77			.54	.01	.01	.03	.10	T	.09	.01			T	T			.42	.18	T			T	.07	.14	.01	T		.06	1.00	.10	T
MORRISON	3.22	.07		.20	.62			.04		.08								.10	.10	.50				.02	.10	.03			.08	.92	.36	
MOUNT CARROLL	2.72	.06		.17	.47	.03		.06	.02							T			.14	.13				.03	.30	.14			T	.25	.85	.07
NEW BOSTON DAM 17	3.63	.06	T	.11	.33	T	T	.08	.03	.02	T	T				T			.46	.21				.30	.05	.05				.20	1.12	.61
PAW PAW	2.62	.10			.18		T	T	T	T	T	T				T			.14	.05	.05			.24	.20					.32	1.03	.30
ROCHELLE	3.59	10			1.00		T				.08					T			.02	.55	T			.15	.02					.15	1.10	.42
ROCKFORD 6 ENE	3.78	.09		T	1.12														.23	.36				.15	.24					T	1.18	.41
ROCKFORD WSO AP //R	3.74	.02	T	.95	T	.02	T	.01	T	.03	T				.01			.19	.19	.08			.20	.12	.36	.01	T	T	.08	.96	.50	
STOCKTON 1 N	2.64	.05		.10	.46	T		.05	T									.08	.15	T				.04	.27	.26			T	T	1.18	
TISKILWA 2 SE	4.02	.14		.57	.38		.03	.01		.23	T	T			T			.08		.57	.22			.06	.34	T			.17	.85	.27	
WALNUT	4.64	.10	.68	.10	.10	T	T	T		.10	T			.11	T			.31	T	.53				.22	.28	T	T		.28	1.15	.68	T
x x x NORTHEAST 02																																
ANTIOCH 2 NW	4.01	.12			1.23	T	.06	T	T		.08	T				T			.14	.29	T			.12	.16	.32	T		T	.05	.81	.63
AURORA	4.90	.05			1.30	T	.02	.02		T	.15					T			.11	.47	.19	.02		.15	.76	.18			T	.30	.97	.21
BARRINGTON	3.37	.11			.38	T	.03			.02	.08		T					T	.04	.24	.03			.13	.42	.08				.20	1.11	.52
CHANNAHON DRESDEN ISL	5.38	.11		.02	1.77		.02	.02	T	.08	.15				T	.03			.11	.76				.06	.40	.11	T			.23	1.25	.27
CHICAGO O'HARE WSO AP R	4.48	.07		1.07	.43	.07	T	T		.13	T	T		T	T			.05	.16	.27	.17		.01	.14	.21	.03	T		.27	.97	.44	T
CHICAGO UNIVERSITY //	4.41	.10		.20	1.23	T	.02			.10	.08					T		.01	.05	.42	.14	T		.12	.20	.04			.08	1.11	.15	.35
CHICAGO MIDWAY WSO AP //R	4.31	.08		.64	.74	.07	.01	.01		.12	T	T		T	T			.08	.09	.38	.01		T	.13	.13	.03	T		.16	1.33	.29	T
DE KALB	4.12	.02		x	1.31	.02		.02		.17				.01	.03			.19		.36				.03	.24	.01			.21	1.00	.50	
ELGIN	-	-			1.30	T	.02				.10								.12	.26	.24			.20		.26				.10	.85	.30
GEBHARD WOODS ST PARK	-	.18	T	T	1.31	T		.05	T	.09	.07					T			.18	.40	.07			-	-	.11				-	1.17	.25
JOLIET BRANDON RD DAM	4.63	.09			1.82	T	T	T		T	.18	T			T	T			.11	.63	.02			.09	.33	.03	T			.12	.94	.26
MARENGO	4.10	.12		.20	.75	T			T	.15					T				.15	.20				.30	.38				T	.80	1.05	
MARSEILLES LOCK	5.18	.19		T	1.22	.01	T	.01	T	.01	.16				T	T			.15	.50	.15			.14	.53	.15	T			.23	1.46	27
MC HENRY LOCK AND DAM	3.73	.12			.86	T	.04	T	T	.02	.04								.15	.20	.02			.11	.43	.15	T			.03	.87	.59
MORRIS	4.50	.17			1.26	.04	T	.01	T	.03	.18	T			T	T			.17	.67	.03			.10	.24	.06	T			.15	1.18	.20
OTTAWA	5.55	.17		.43	.86			T		.28					T			.14	T	.47	.65			.20	.56				.20	1.36	.23	
PARK FOREST	-	.10			.14		T	T		T	T					T		T	-	T	T			T	T	.13				-	.91	.15
PEOTONE	5.08	.12		.11	1.67	.04	T	.04	T	T	.17				.04	T			.12	.55	.16			.11	.21	.18	.01			.33	1.21	.03
PERU 2 W	4.58	.22	.31	.73	.03	T	T	.02	.12	.27	T					T				.64	.12			.12	.20		.02		.52	.82	.42	.02
STREATOR 2 ENE	5.00	.16		.23	1.01	.02		.02		.28				T				.04		.75				.18	.39	.01			.33	1.31	.27	
UTICA STARVED ROCK DAM	4.76	.20		.10	1.01		T	.01	T	.10	.13				T	T			.12	.51	.39			.14	.21	.08	T		.05	.29	1.25	.17
WAUKEGAN	-	-		.10	1.14	.04	.03	T	T	T	T	T							.16	.33	.09			.08	.08	.12	T			.10	.73	.80
WHEATON 3 SE	4.51				1.67	.04		.03						.03			.10				.16	.38			.12	.30			.32	.98	.38	
x x x WEST 03																																
AVON 5 NE	4.30	.17		T	.53				T	.31	.04							T	.16	.78				.07	.02	.04			.47	T	1.35	.35
BENTLEY 1 E	3.06	.05		.07	.01	-	.02	.05		.37	T			-				.15	.22	.50			T	.43	.05	.03			.22	.84	.04	.01
CANTON 1 ESE	4.79			.55	.37		.39	T		.37				T					T	1.35				.06	.20				.75	.65	.10	
GALESBURG	4.09	.04		.07	.56	T		.12	.05	.09	.18							T	.22	.61				.04	.03	.20	T		T	.08	1.49	.30
GLADSTONE DAM 18	3.78	.07		.06	41	T		.13	.02	.21	.08				T	T		.07	.22	.34				.46	.07	.02			T	.04	1.51	.07
GOLDEN 1 NW	0 3.40			.48				.10	.08	.57								.11	.37	.47				.440	.20	.05			.17	.21	.15	
LA HARPE	4.23	.11		.08	.55	T		.12	.08	.30	.10				T			.20		.71				.50	.12	.13				.21	.26	.76
MACOMB	5.07	.21		.11	.58			.10	.03	.22	.18							.02	.13	.78				.46	T	.09			.32	.63	1.08	.11
MONMOUTH	4.42	.03		.78			.02	.14		.33								.30	.12	.50				.23	.10	.05			x	x	1.65	.17
MOUNT STERLING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYSON	3.92	.23		.09	.34	T		.05	T	.44	.18							.05	.01	.95				.87	.08	.04			.16	.01	.18	.23
QUINCY FAA AP	3.02			.52	.01	.01	.02	.04	T	.68	T							.05	.78	T			.57	.06	.02	T			.14	.04	.08	
QUINCY DAM 21 //	3.97	.17		.15	.48	T		.20	T	.32	.28							T	T	.78	T			.81	.04	T			.38	.05	.05	.24
QUINCY MEMORIAL BRIDGE	4.20	.22		.17	.54	T	T	.05	T	.36	.24	T						.01	T	.93				.84	.05	.02			.14	T	.18	.45
RUSHVILLE	3.37	.04	T	.36	.03	T	.05	.07		.48								.12	.15	.85	T		T	.54	.10	.02			.20	.14	.12	
x x x CENTRAL 04																																
BLOOMINGTON WATERWORKS	4.37	.13		.07	1.30	T	T	.02	.09	.04	.25								.06	1.00	T			.08	.14	.08	T		.10	.67	.17	.17
CHENOA	3.11	.10	T	.13	1.35	T	T	.03	T	.28										.08			T	.12	.52	T			.43		.07	
CHILLICOTHE	5.29	.18		.22	1.08			T	T	.10	.36									.93				.04	.43	.14	T		.03	.40	1.38	
CLINTON 1 SSW	7.60	.22		.01	2.27	T		.02	.06	.08	.35								.06	1.23	.06			.33	1.08	.30	T		.02	.68	.22	.61
DECATUR	5.43	.07		.12	1.98	.02	T	.01	.02	.08	.45	T			T				.01	.74	T			.52	.94	.10	T		.12	T	.21	.04
FARMER CITY	6.04				1.71				T	.10	.33								.02	1.18				.16	.55	.26	T			1.14	.40	.19
HAVANA 4 NNE	4.01	.20	T	.20	.22		T	.07	.05	.26	.20	T			T	T		T	.20	1.52		T		.12	T	.15	T		.34	.15	.23	.10
LACON 2 E	4.93		.04	.36	.83		T	.05	T	.36	T			.02	T			.09		.79			.02	.17	.28	.04	T		.32	1.41	.15	T
LINCOLN	4.94	.08		.01	1.18			.07	.01	.10	.41								.10	1.14	.02			.24	.41	.23			.20	.58	T	.16
MACKINAW	5.39			.35	.96		.02	.15	.02	.41				T	T			.18	T	1.31			T	.25	.64	.03			.70	.25	.12	
MASON CITY 1 NW	4.29	.05		.32	.37		.02	.09	T	.45								.12	.01	1.92				.13	.10	T			.46	.05	.20	
MINONK	-	.40	.70	.20	1.70	T	T	T	T	-	-			T		T			.20	1.40	.40			.25	-	-	T		T	.30	.80	.40
MOUNT PULASKI	5.25	.15		.11	1.03	T		.06	.04	.30	.25	T		T				T	.09	1.19	.09	.01	T	.26	.57	.16	T		.18	.15	.19	.42
NORMAL	4.53	.08		.22	.93	T		.05	.05	.32	T			T	T			.02	.02	.80	.01			.32	.40	.09			.67	.14	.06	.25
PEORIA WSO AP //R	4.42	.03	T	.85	.05	T	.01	.06		.59	T			T	T			.07	.74	.42	T		T	.21	.23	.01			.45	.56	.14	T
PETERSBURG 3 SSW	-	.08		.13	.38			.05	.02	.08	1.46								-	-				.16		.07			.24	.36	.02	.25
PRINCEVILLE	3.79	.04		.04	.04		T	.02	T	.05								.03	T	1.09				.02	.55	T			.52	1.08	.31	T
x x x EAST 05																																
DANVILLE	4.26	.26		.52	.48			T		.54	.01				T			T		.56	T		T	.49	.23	.06			.60	.25	.12	.14
DANVILLE SEWAGE PLANT	4.25	.33	T	T	1.05						.63								T	.54	.01	T		.24	.37	.07				.57	.32	.12
GIBSON CITY 1 E	5.51	.17		.02	1.53			T	T	T	.20				.01				.05	1.05				.12	.35	.17	T			1.41	.20	.23
HOOPESTON 1 NE	4.20	.12	T	.03	1.23		T		T	T	.30	T			T	T			.02	.46	.01			.15	.21	.16	T			1.03	.23	.25
KANKAKEE WTR POLL CTR	2.72	.03		.92	.06	.04	T	.02		T	.13					.03			.07	.16	.06			.08		.02				.30	.80	
MONTICELLO 2	5.62	.13		.14	1.43			.02	.01	.05	.42								.02	1.06	.03			.43	1.01	.07				.51	.27	.02
PIPER CITY 3 SE	3.44	.16	T	.02	1.11	T	T	.03	.02	.03	.18	.04				T			.04	.69	T			.04	.20	.06	T			.43	.11	.30
PONTIAC	4.19	.15	.02	T	1.54	T	T	.02	T										.15	.79				.08	.40	.17	T			.48	.27	.11
RANTOUL	-				.22			.02		T	-									1.12	.08			.20	-	.02				.65	.40	.20
SIDELL	3.56			.07	.96						.53		T					T		.51		T		.36	.30	.06				.22	.39	.16
URBANA	4.87	.05	.01	.84	.78	T	T	.04	T	.46	T			T	T			.03	T	.88	.02		.01	.57	.26	.02	T		.37	.38	.15	
WATSEKA 2 NW	5.82	.11		T	2.02	.03	T				.28								.04	.70	.06	T		.16	.53	.32	.14			.75	.28	.40
x x x WEST SOUTHWEST 06																																
ALTON DAM 26	4.51	.11		.15	1.20			T	T	.03	.24			.12	T			.01	.03	.37		.10		1.10	.32	.05		.02	.02	.21	.06	.37
BEARDSTOWN	4.63	.20		.10	.31	T		.05	1.00	.30	.27								T	1.47				.50	.05	.12			.13		.01	.12
BLUFFS	-				.41			.07			-	.51								1.17				.30		.13			.32			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
MARCH 1979

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	3.54	.15		.34	.81	T	T	.05	T	.37	T	T		.04				.14	T	.54	.08			.63	.07	.05		T	T	.12	.03	.32
EDWARDSVILLE 1 NE	3.74	.18		.15	.75			T	.02		.20			.04					T	.65		.23		.80	T	.13	T	.03	.03	.13	T	.40
GRAFTON	3.49	.12		.28	.48			T	T	T	.30								.03	.70				.59	.45	.17		T	T	.16	T	.21
GREENVILLE 1 E	6.74	.17			1.90				.15		.05	T						.04	T	.65		1.33		1.18	.65	.06		T	T	.33	.08	.15
GRIGGSVILLE	3.89	.12		.24	.12	T		.01	.01	.31	.27	T						T	.12	1.23				.56	.05	.12			.48	.25		
HILLSBORO	-				1.95	T				.33	T							.06	T	1.51	.30			.60	-	T			.30	.10	.10	.52
JACKSONVILLE 2 E	4.18	.02	T	.05	.42	T		.02	.04	.11	.53								.09	1.41				.47	.03	.08			.52	.28	.02	.08
JERSEYVILLE 2 SW	3.33	.10		.35	.38					.17	.13			T	T			.04	T	.87	T	.02		.76	.04	.01		T		.19	T	.27
KINCAID	3.45	.18		.13	.85	.03			.02	T	.42				.10				.04	.75	.08			.50	.08	.16			T	T	.11	
MEDORA	3.65	.13	T	.78					.02	.36				.02				.12	.02	.68	.04		.01	.86	.06	T		.03	.01	.18	.03	.30
MOUNT OLIVE 1 E	5.28	.21		.34	1.51					.18	.07								.25	1.13				.88		.18						.53
PANA	6.72	.18		.24	1.94	T	T	T	.02	T	.27	T			.03				.03	.83		.55		1.00	1.02	.10	T	T	.02	T	.24	.25
SPRINGFIELD WSO AP R	3.75	T		.67	.13	T	.03	.03		.56	T			T				.09	.31	.85			.12	.13	.21	.01			.35	.11	.15	T
VIRDEN 1 N	3.27	.11		.11	.88	T		T	.01	.12	.48	T							.01	.85				.33	.02	.04	.01		T	T	.01	.28
VIRGINIA	3.30	.04		.12	.05		T	.07	T	.50	T							.11	.08	1.25				.40	.28	.02			.35	.03	T	
WHITE HALL 1 E	2.55			.04	.02					.60								.11		.87				.43	T	.02			.03	.02		.41
* * * EAST SOUTHEAST 07																																
CHARLESTON	5.48	.28		.25	1.55			T	.04		.25				.21				T	.57	.08		T	.78	.52	.05	T		.08	.32	.45	.07
CLAY CITY 6 SSE	5.00	.26	.02	.19	.81					.07										.58		.29		1.04	.38	.01	.01	.11			.63	.60
DIONA 3 SW	-	-		.06	1.52										.02					.52	.03			.67	.78	-				.42	.51	.06
EFFINGHAM 3 W	6.27	.32		.08	2.37	T	T	T	.01	T	.05	T			T					.45	.01	.19	T	.40	.68	.07	.01	T	.19	.37	.73	.03
FLORA 5 NW	7.21			.98	1.82	T		T	T	T	T			T	.02			T		.42	.20		.15	1.31	.62	.09		.10	T	.86	.54	
GREENUP	5.16	.25		.06	1.46			.04			.04				.03					.58	.10			.82	.66	.08		.01		.42	.52	.06
HUTSONVILLE POWER PL	4.64	21			1.53				.04			T			.03					T	.86	.20		.34	.45	T		T		.20	.55	.23
LAWRENCEVILLE	5.26	.35		.14	1.46				.05	T					T					.38	.31	.28	.02	.75	.60	.11		.04			.31	.45
MATTOON	4.74	.02	T	1.28	.62		T	.03	T	.25	T			.01				T	T	.50	.06		.14	.77	.18	.03			.29	.35	.20	
MOWEAQUA	-			T	.35			.07						T			T			T	.12			-	T	.12	T		.37	.23		
NEWTON 6 SSE	3.75	.20		.29	.57			T	.02		T	T			T					.49	.01	.15		.78	.33	.01	.01	T		.16	.54	.18
OLNEY 2 S	3.98	.03		.35	.51				.03						.02					.43	.17			1.10	.23		.04	.08	.03	.13	.83	
PALESTINE	4.21	.10		.45	.88	T		.05	.03	.03	T	T		.01	.01			T		.52	.12		.02	.88	.08	.01			.08	.28	.66	T
PARIS WATERWORKS	4.36	.30		.62	.66	T		T	.02	.23	.01	T		.03	.10			.01		.65	.05		T	.83	.22	.02			.25	.25	.08	.03
SAINTE MARIE	4.14	.19		.10	.78				.05		.02	T			.05					.42	.02	.19		.70	.40	.03	T	T		.22	.64	.33
SALEM	6.86	.19		1.06	1.07			.20	T	.20	T	T		T	.04			T		.67	.55	T	T	1.09	.57	.05	T	.10	.10	.50	.47	
TUSCOLA	4.93			.67	1.05	T		.08		.45				.03		T		T		.65	.08			.55	.55	.02			.17	.55	.08	T
VANDALIA 2 NW	5.67	.33		.10	2.36							T			T				T	.44		.40		.58	.92	.03				.30	.21	
WINDSOR	5.06	.23		.75	1.06		T	T	T	41	T			.04				T		.49	.02		.01	.46	.67	.01	T			.55	.04	.32
* * * SOUTHWEST 08																																
ANNA 1 E	7.12			1.08	.57				T					T	.05					T	.60	.02		1.62		.34		.18		.71	1.35	.60
BELLEVILLE SO ILL UNIV	5.30	.15		.73	.95			T						T				T			1.03	.03	T	1.14	.17	.08		.09	.13	.23	.10	.47
CAHOKIA	3.09	.28	T	.37	.22	T	T	T	T	.01	.01			.02				.03			.15	.27		1.05	T	.02		.14		.15	.15	.21
CAIRO WSO CI R	6.17			.68																.10			.38	1.28	.03			.28	.04	.53	1.16	1.69
CARBONDALE SEWAGE PL	5.26	.28		.31	.77				.03	T	T	T		T	.05				.04	.14	.27	.50		1.06	.55	.10	T	.03		.05	.43	.65
CARLYLE RESERVOIR	8.26	.26	T	.45	1.52				T					T	.05					.55	T	1.67		1.07	1.65	.11		.13		.38	.32	.10
CENTRALIA	7.87	.37		.51	1.45				.03		T	.07		.12	.14				T	.78	.03	.84		.66	1.31	.15	T	.24		.39	.61	.17
CHESTER	5.15			.60	.80			T	.03	.03								T		.02	.10	1.00		1.00	.60	.05		.02		.15	.52	.23
DU QUOIN 4 SE	D 6.27			1.80	.04			.04						.05				T		.12	1.60		.41	.730	.05	T	.04			.55	.84	
GRAND TOWER 2 N	7.38	.21		.48	1.82			.01	T					.02	T					.08	.24			1.43	.98	.12				13	1.09	.67
KASKASKIA R NAV LOCK	-	.17		.56	.70				.02	T				T	T					.26	.03	.71		1.20	.42	0 .10	T			.40	.43	-
MARION 4 NNE	5.86	.42		.27	.91				.04	T	T				.15				.04	.20	.11	.56		1.23	.53	T	T	T		.13	.53	.74
NASHVILLE 4 NE	5.25	.30		.48	1.25				T						.04					.33	.02	.87		.63	.73	.01	T	.04			.46	.08
PRAIRIE DU ROCHER 1WSW	5.26	.21		.52	1.27				T		T				.05					.15	.03	.73		1.30	.35	.05		T		.20	.28	.12
RED BUD 5 SE	5.58			.88	.45			T	T	T				-						.38		1.50		1.10	.36	.03	.03		T		.77	.09
SPARTA	-			1.39	.18			T		T				.06	.07			.01	T	.28	.52	.01		1.83	.14	.12	.01			.52	.43	-
WATERLOO	4.87	.35		.61	.85		T		T		.01			.01						.22	.06	.38	T	*	1.31	.20	T	.05		.33	.28	.10
* * * SOUTHEAST 09																																
ALBION	4.80	.28		.22	.40							T								.93	.32		.16	1.14	.20	.01		.08		.22	.68	.15
BENTON FOREST SERVICE	5.67	.18		.35	.57									.06	.04						.17	1.12		1.10	.62	.06				.13	.54	.72
BROOKPORT DAM 52	5.64	.47		.08	1.24				.02		.02				T					T	.11	T		1.64	.71	.02	T	.26	T	T	.58	.49
CARMI 6 NW	5.00	.48		T	.75					.02	T								T	.50	.27	.50		.88	.51	.05					.33	.71
DIXON SPRINGS AGR C	8.12	.46		.73	.18			T	T					T	.08					.36	.01			1.54	.08	.02		.13		.18	1.30	3.05
FAIRFIELD RADIO WFIW	5.94	.26		.67	.45	T		T		T				T					T	.84	.31		T	1.68	.10	T		.10		.32	1.01	.10
GOLCONDA DAM 51	6.50	.48		T	1.07				T		T				.05					T	.51	.03		1.38	.49	T	T	.23	T		.90	1.35
HARRISBURG	5.94	.33		.54	.15			T	T		.03			T	.32					.30	.56			1.07	.06	.06		.03		.35	.52	1.62
HARRISBURG DISPOSAL PL	5.52		T	T	.61	T		T	T	T					.26				T	.25	T	.50		1.00	.28	.06	T	.02			.56	1.88
MC LEANSBORO 2 ENE	5.66	.40		.25	.61	T	T		.05		.04				.05				.02	.93	.32	.65	T	.96	.26	.02		.04		.01	.40	.65
MT CARMEL	4.47	.48			1.05	T			.09		T	T			.01					T	.71	.15		.50	.57	.02	T	.02			.06	.80
MT VERNON 3 NE	5.37	.38		.31	.94				.01	.01					.05					.05	.10	.60		.81	.53	T		T		.38	.48	.62
REND LAKE DAM	5.86	.26		.27	.90				T	T				.01	.04					.21	.15	.91		1.19	.75			T		T	.57	.70
ROSICLARE	7.63	.10		1.11	.42			T		.03				.02	.03					.76	.08		.07	1.85	T	.02			.08	.70	.46	1.90
SHAWNEETOWN NEW TOWN	7.20	.47		.10	.90				.02						.26				.05		.73	.58	T	1.08	.48	.07	T	.05	T		.58	1.83
WAYNE CITY 1 N	4.45			.22	.81															.37	.30			1.11	.30					.28	.35	.71

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
• • •																																	
NORTHWEST 01																																	
ALEDO	MAX	38	35	44	43	35	44	36	37	39	30	40	39	54	38	29	48	47	67	71	66	48	61	59	45	36	37	40	66	65	70	47	46.9
	MIN	32	30	33	31	28	21	28	28	29	9	6	18	32	22	8	23	34	42	53	37	35	35	45	23	19	22	23	34	43	46	37	29.2
DIXON	MAX	38	39	39	42	35	40	42	35	38	37	17	34	39	47	36	27	43	42	52	62	49	46	64	61	28	28	35	39	57	60	65	42.5
	MIN	24	28	32	34	29	16	20	31	33	6	1	11	18	21	5	8	26	34	41	37	35	33	39	27	16	18	22	27	37	43	36	25.4
FREEPORT WASTE WTR PLT	MAX	36	40	37	40	35	33	40	35	38	36	15	33	39	47	31	26	42	42	50	50	45	40	62	60	26	29	33	38	55	59	66	40.6
	MIN	20	24	30	34	26	18	20	31	31	6	2	8	8	22	7	8	25	34	38	33	33	31	32	21	11	16	18	23	36	38	37	23.3
FULTON DAM 13	MAX	38	39	38	40	38	37	39	35	38	36	14	35	41	50	35	25	44	41	54	64	42	40	61	57	28	28	34	39	56	58	65	41.6
	MIN	21	32	32	33	28	17	17	31	31	9	4	10	15	23	8	8	16	33	36	36	34	31	32	27	19	19	24	24	35	37	38	24.5
GALVA	MAX	37	37	38	44	33	34	44	34	37	38	12	36	40	53	37	29	46	45	66	67	49	49	62	57	27	28	37	39	63	60	63	43.3
	MIN	27	31	31	32	27	19	23	31	31	9	3	12	18	21	7	10	25	35	44	38	34	34	38	26	17	18	24	25	39	47	37	26.2
GENESEO	MAX	38	36	42	40	34	41	35	38	37	22	37	37	48	35	28	46	44	61	69	48	47	61	60	37	28	36	40	63	60	68	42	43.8
	MIN	33	32	33	30	24	19	33	32	22	7	7	16	28	14	9	23	36	39	44	38	36	33	37	22	19	25	19	34	44	40	36	27.9
HENNEPIN POWER PLANT	MAX	36	38	37	45	40	35	45	35	39	35	16	31	40	57	38	40	49	58	67	70	49	64	58	38	31	29	36	37	60	60	65	44.5
	MIN	24	32	32	33	29	17	25	33	32	10	10	10	22	24	9	12	32	36	42	40	34	34	37	20	19	20	27	27	37	47	39	27.3
KEWANEE 1 E	MAX																																
	MIN																																
MOLINE WSO AP	MAX	37	36	44	37	34	41	34	37	36	21	37	39	50	37	30	48	45	65	71	48	49	62	58	37	29	37	41	65	63	70	43	44.5
	MIN	33	32	35	31	21	15	32	33	21	8	7	13	29	14	10	23	35	39	44	39	37	36	37	23	20	21	23	35	44	40	38	28.0
MORRISON	MAX	39	37	38	41	35	39	37	37	37	37	14	36	46	46	30	42	40	42	62	61	46	62	61	54	27	35	39	54	58	68	54	43.7
	MIN	27	32	32	32	28	15	22	32	33	8	4	12	18	21	7	14	29	35	41	42	35	32	33	25	17	18	20	32	41	47	37	26.5
MOUNT CARROLL	MAX	35	40	38	40	35	34	39	34	38	37	18	34	42	48	34	28	41	41	50	53	47	40	62	63	26	27	34	39	55	60	67	41.3
	MIN	24	30	30	32	26	13	20	30	31	6	0	7	15	20	5	11	27	34	40	29	33	30	36	24	16	15	16	24	36	38	36	23.7
PAW PAW	MAX	36	38	36	43	32	32	37	37	37	37	13	30	33	43	32	23	38	43	52	52	43	45	64	52	27	27	26	36	54	55	63	39.2
	MIN	21	22	30	32	27	15	15	32	30	7	0	3	11	19	3	2	15	33	40	36	30	30	33	26	19	18	16	22	33	40	37	22.5
ROCHELLE	MAX	38	38	39	41	40	34	38	37	36	37	14	30	36	44	31	23	39	40	52	54	46	42	63	58	28	25	32	37	55	58	57	40.1
	MIN	18	20	32	32	27	16	16	32	31	6	-2	4	8	19	2	3	18	31	40	35	31	31	35	27	16	17	21	24	34	40	26	22.3
ROCKFORD WSO AP	MAX	38	36	41	37	32	36	35	36	35	15	30	34	45	31	24	38	39	50	51	44	41	65	58	36	24	30	32	50	55	62	38	39.3
	MIN	25	23	35	31	29	17	33	33	15	3	-1	9	30	13	5	14	30	38	42	32	31	30	36	17	16	11	14	30	39	37	28	24.0
STOCKTON 1 N	MAX	41	36	39	34	32	38	34	38	35	32	12	40	45	48	26	41	39	50	49		37	59	60	49	25	32	36	51	60	62	60	41.3
	MIN	12	29	29	32	25	13	20	29	29	4	0	9	19	19	2	8	21	34	37	33	32	30	32	24	15	16	15	23	34	35	35	22.4
TISKILWA 2 SE	MAX	38	40	45	42	35	42	35	40	37	28	35	40	53	38	28	45	43	66	67	65	49	64	60	51	28	36	37	62	62	65	47	45.9
	MIN	32	31	33	31	28	17	33	32	28	9	4	15	30	22	8	16	31	37	50	39	32	32	51	22	17	20	21	33	47	47	37	28.5
WALNUT	MAX	37	40	37	43	35	39	37	36	37	29	34	37	47	40	27	42	40	53	64	59	47	64	60	52	27	35	37	58	60	64	45	43.9
	MIN	32	33	31	33	28	18	32	32	29	9	3	13	28	23	7	18	32	37	46	37	35	33	52	22	15	20	23	23	45	45	37	28.1
• • •																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	37	42	35	45	39	33	40	36	40	36	19	28	40	49	32	27	42	41	64	55	49	45	61	56	32	25	35	37	53	58	60	41.6
	MIN	11	22	27	32	29	25	22	32	32	6	1	2	8	21	8	8	15	29	39	38	29	30	31	31	17	12	15	21	34	38	36	22.6
AURORA	MAX	40	36	48	46	33	40	38	42	36	21	29	37	51	34	24	42	43	64	59	51	52	72	60	48	26	33	40	57	57	64	42	44.0
	MIN	25	24	33	31	29	19	32	31	20	4	1	10	29	15	7	16	30	34	49	35	30	32	46	15	18	20	24	31	41	42	32	26.0
BARRINGTON	MAX	38	40	37	46	40	32	40	36	42	35	16	26	39	50	31	24	42	48	56	58	48	47	65	58	34	26	32	38	55	58	62	41.9
	MIN	24	24	31	35	29	22	22	32	31	8	1	5	12	24	9	11	23	34	46	40	30	31	35	30	17	14	18	21	36	38	36	24.8
CHICAGO O'HARE WSO AP	MAX	42	37	46	46	32	39	37	44	35	22	27	38	53	32	25	45	47	70	63	58	46	69	62	50	25	33	39	59	60	66	43	44.8
	MIN	29	31	33	30	29	22	33	32	22	9	4	15	31	18	15	21	30	43	55	33	32	31	50	21	16	16	18	28	41	43	33	27.9
CHICAGO UNIVERSITY	MAX	38	41	46	49	36	39	44	44	43	37	20	39	49	55	34		50		70	64	44	54	62	59	29	32	36	44	59	65	65	46.4
	MIN	33	30	34	35	31	25	34	32	33	12	4	20	32	26	14	21	35	43	55	41	34	33	53	29	20	22	26	31	38	38	36	30.6
CHICAGO MIDWAY WSO AP	MAX	38	34	45	45	30	41	37	42	35	22	26	35	52	33	24	43	47	69	62	56	43	65	59	50	24	31	36	57	56	63	42	43.3
	MIN	29	30	32	30	28	21	33	33	22	7	3	17	30	16	12	17	27	40	53	37	31	31	49	19	18	20	23	30	40	42	32	27.5
DE KALB	MAX	38	37	42	41	36	38	38	38	35	34	30	33	44	41	26	40	40	54	54	52	45	65	64	53	25	31	36	50	51	61	54	42.8
	MIN	35	21	33	33	28	19	33	33	32	10	3	9	27	22	7	15	30	36	45	36	30	32	53	22	17	20	22	32	38	46	38	27.6
ELGIN	MAX	40	39	38	47	37	31	39	36	40	35	14	26	37	47	31	22	40	43	62	67	46	48	69	59	31	32	32	38	54	58	62	41.9
	MIN	22	22	28	35	27	17	17	30	29	5	2	5	19	21	5	7	18	34	41	37	30	30	35	28	15	14	21	22	33	37	35	23.3
GEBHARD WOODS ST PARK	MAX	42	42	40	45	35	34	40	39	40	35	17	32	40	50	27	28	44	47	66	60	41	56	70	59	32	28	37	40	57	61	69	43.6
	MIN	22	22	32	33	31	26	25	30	30	9	2	10	22	24	8	10	26	35	45	41	29	32	38	30	18	20	28	30	32	45	31	26.3
JOLIET BRANDON RD DAM	MAX	40	40	40	46	39	33	42	38	42	35	17	30	41	55	35	27	47	45	66	66	47	52	73	60	36	26	35	41	60	62	65	44.5
	MIN	25	25	31	36	29	23	23	29	32	10	3	3	17	22	7	9	25	34	40	40	32	32	37	34	18	18	23	26	34	45	38	25.8
MARENGO	MAX	40	39	45	45	38	39	36	38	38	35	30	35	47	40	28	40	39	60	59	59	46	69	59	53	25	34	38	49	52	61	52	44.1
	MIN	32	21	32	32	27	17	30	31	31	5	0	10	27	19	7	5	33	36	44	36	29	31	42	20	15	10	16	26	38	40	34	25.0
OTTAWA	MAX	40	37	42	45	35	45	40	42	37	36		41	54	42	31	46	44	64	65	62	54	69	64	54	27	38	41	59	60	66	47	47.6
	MIN	33	32	35	34	31	23	35	34	32	12	5		30	24	9	19	30	38	49	40	32	34	54	24	20	21	29	34	47	47	41	30.9
PARK FOREST	MAX	42	44	41	42	38	30	36	39	42	34	22	40	40		33	28	43	48	69	52	47	43	65	59	33	31	31	35	52	54	64	42.6
	MIN	24	29	31	34	28	24	26	28	31	12	2	8	23	24	11	14	24	34	45	47	35	32	40	31	18	20	19	28	35	41	34	26.8
PERU 2 W	MAX	40	35	38	33	32	39	36	41	39	31	33	40	46	40	29	45	52	64	68	64	45	64	68	65	57	37	38	39	62	64	50	46.3
	MIN	32	31	31	30	29	20	33	31	30	11	3	17	34	21	11	20	34	37	44	38	34	40	36	30	21	22	21	26	38	47	42	28.8
WAUKEGAN	MAX	35	41	34	42	42	31	42	34	44	35	17	25	39	50	32	28	43	44	62	55	48	40	55	52	31	32	33	39	56	59	63	41.4
	MIN	15	27	29	32	29	27	24	31	31	7	2	2	12	26	9	9	20	31	42	40	31	30	31	31	17	14	16	17	33	37	34	23.7
WHEATON 3 SE	MAX	42	38	47	45		41	40	43	37	34	30	39	51	42	27	45	45	67	66	59	52	73	68	54	25	36	41	53	57	65	64	47.5
	MIN	33	25	34	32		19	32	33	30	9	0	8	29	23	9	15	24	36	53	42	28	31	52	17	19	16	17	29	40	50	34	27.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MARCH 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	37	37	46	38	33	43	34	34	37	22	39	40	54	38	30	49	47	68	70	52	50	63	59	35	29	37	40	67	61	65	42	45.0
	MIN	32	32	34	29	23	20	29	30	22	5	5	17	28	14	9	25	33	42	45	38	35	37	35	21	18	22	25	35	48	38	37	27.8
GOLDEN 1 NW	MAX	41	41	50	48	38	47	39	37	39	34	45	48	61	47	40	55	55	72	73	70	55	63	60	51	33	41	47	69	68	68	51	51.2
	MIN	28	27	34	31	28	25	25	23	32	14	11	23	33	27	14	27	36	45	52	40	37	41	48	22	20	24	26	38	58	51	37	31.5
LA HARPE	MAX	37	37	46	45	38	48	36	37	42	30	45	45	61	46	35	54	55	70	73	59	57	60	59	39	42	45	69	67	68	64	43	50.1
	MIN	30	26	34	30	28	20	26	26	28	11	6	19	34	24	10	24	34	43	53	40	37	39	38	37	27	25	37	37	41	40	34	30.3
MONMOUTH	MAX	38	35	43	43	36	45	38	37	38	33	42	41	48	40	34	49	46	69	72	66	49	63	59	45	28	38	44	67	67	70	47	47.4
	MIN	32	30	34	32	29	20	29	29	32	11	7	18	32	24	10	24	35	41	52	38	36	37	45	24	20	24	25	34	48	46	36	30.1
QUINCY FAA AP	MAX	39	39	53	37	38	50	38	38	38	27	46	48	63	49	37	53	55	71	73	53	56	65	59	35	35	42	47	71	65	69	43	49.4
	MIN	31	29	37	32	31	28	25	26	23	14	14	27	33	22	17	29	38	47	50	40	39	44	35	26	24	28	29	40	61	43	40	32.3
QUINCY DAM 21	MAX	36	40	45	53	34	39	53	34	38	39	24	50	52	64	48	38	55	56	72	73	52	56	67	56	32	36	42	47	73	68	69	49.7
	MIN	33	32	32	34	31	29	30	27	28	20	20	20	28	28	18	18	32	36	40	41	37	39	42	32	27	27	29	29	42	59	39	31.6
RUSHVILLE	MAX	40	38	51	49	36	49	39	37	37	33	42	43	61	47	33	50	51	70	73	65	57	63	62	44	33	40	44	68	68	67		49.7
	MIN	32	29	35	30	28	24	25	24	31	14	7	20	28	27	13	26	37	46	57	40	38	46	44	29	19	23	26	37	57	55		31.6
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	36	35	42	48	32	42	40	36	36	30	34	40	50	36		47	47	71	67	61	52	66	62	51	26	36	39	62	60	65	53	46.7
	MIN	25	32	32	30	29	23	30	26	30	16	5	5	30	22	11	22	31	32	57	41	30	32	51	21	17	20	28	31	52	53	38	29.1
DECATUR	MAX	37	41	54	50	33	53	47	39	35	33	46	47	65	46	34	54	54	76	73	66	58	71	63	49	28	45	49	67	67	65	55	51.6
	MIN	33	32	36	33	31	26	30	30	32	16	8	12	34	28	14	20	34	47	53	46	34	44	49	25	20	26	30	35	55	55	40	32.5
FARMER CITY	MAX	37	37	48	51	31	49	38	44	38	33	35	37	58	43	34	48	48	72	68	64	54	68	62	52	27	38	42	62	60	64	61	48.5
	MIN	32	30	34	31	30	24	33	32	31	11	6	9	31	26	13	23	33	43	51	42	33	36	52	25	18	18	29	32	55	55	39	30.9
HAVANA 4 NNE	MAX	35	37	38	49	33	34	48	33	36	37	20	40	42	61	44	36	52	54	72	72	50	54	64	60	30	30	41	46	68	65	69	46.8
	MIN	31	32	32	32	29	22	24	28	31	15	9	17	25	27	14	16	30	39	53	42	37	38	39	30	19	23	27	31	41	55	40	29.9
LACON 2 E	MAX	37	35	46	48	35	47	40	39	38	33	37	40	58	42	32	51	48	71	71	67	53	67	62	56	27	37	38	65	64	66	48	48.3
	MIN	31	31	33	32	28	20	30	32	31	8	4	15	30	21	9	19	35	37	53	40	32	32	52	24	17	18	26	32	39	48	37	28.9
LINCOLN	MAX	37	38	49	48	34	52	48	37	36	34	38	38	61	45	35	49	50	72	70	68	51	68	64	51	29	42	43	66	65	65	52	49.5
	MIN	32	31	35	31	30	26	30	29	31	16	8	18	32	26	13	24	33	42	52	43	33	39	50	24	18	25	28	34	57	51	40	31.6
MASON CITY 1 NW	MAX	36	37	49	48	33	48	39	37	35	34	39	37	59	43	33	49	48	70	69	62	48	65	62	50	30	40	44	67	64	62	55	48.1
	MIN	33	32	33	32	30	26	29	29	32	15	9	18	33	27	14	27	34	43	52	42	34	38	50	23	27	25	27	37	57	55	39	32.3
MINONK	MAX	37	36	35	44	34	48	45	37	36	33	15	36	36	51	32	39	49	48	64	71	45	49	68	62	38	29	36	37	62	61	62	44.4
	MIN	26	30	32	33	28	22	24	24	32	15	7	14	28	20	9	12	31	34	42	38	28	30	34	22	18	21	25	29	31	50	35	26.6
NORMAL	MAX	35	36	51	47	32	48	46	39	37	34	35	39	58	55	36	48	48	72	70	68	49	66	66	54	27	36	39	62	62	65	63	49.1
	MIN	32	31	34	32	30	24	33	31	31	14	5	13	32	25	12	24	37	45	54	43	33	33	54	27	18	18	28	34	56	56	39	31.5
PEORIA WSO AP	MAX	37	38	50	45	33	45	35	38	35	25	38	39	59	41	33	47	48	70	68	51	50	64	59	41	27	39	40	65	61	67	42	46.1
	MIN	33	32	37	31	26	22	31	32	24	7	6	15	31	16	12	24	37	45	49	38	36	36	41	21	19	25	26	35	56	41	37	29.7
PRINCEVILLE	MAX	36	32			31	43	33	32	36	29	35	40	55	37	29	47	44	71	67	60	46	62	58	47	25	37	37	62	66	62	44	44.9
	MIN	30	29	31	29	23	17	29	27	27	9	3	13	23	17	7	20	29	39	43	34	33	32	47	21	14	22	24	30	47	44	35	26.7
• • •																																	
EAST 05																																	
DANVILLE	MAX	38	45	58	58	35	49	48	50	46	35	35	43	59	58	34	49	55	74	69	61	55	73	70	60	31	39	43	62	62	65	63	52.3
	MIN	34	32	34	33	32	28	34	34	33	16	7			29	16	17	24	39	51	49	36	34	53	30	21	18	28	32	54	55	41	32.6
HOOPESTON 1 NE	MAX	35	40	53	54	33	49	41	47	41	34	32	38	59	43	30	48	51	72	66	60	55	72	66	56	27	34	40	60	61	64	61	49.1
	MIN	33	32	33	32	31	27	34	31	33	14	6	15	32	27	14	22	32	42	50	45	32	34	53	26	19	18	27	31	54	55	37	31.3
KANKAKEE WTR POLL CTR	MAX	40	38	49	39	37	32	44	40	44	34	19	30	39	55	34	29	38	61	71	62	49	51	72	59	28	30	36	42	58	61	60	44.5
	MIN	24	24	35	29	30	21	24	36	24	12	3	4	18	19	10	12	23	26	43	43	33	32	37	18	19	21	22	28	35	52	38	25.6
PIPER CITY 3 SE	MAX	35	36	43	49	33	44	40	42	36	32	32	38	56	41	29	47	48	69	63	58	55	70	61	56	28	35	39	60	60	65	61	47.1
	MIN	32	29	31	32	30	24	33	32	32	13	5	15	31	26	13	25	30	35	47	42	32	32	52	24	18	19	29	31	52	55	37	30.3
PONTIAC	MAX	37	35	42	41	32	43	40	38	35	33	32	37	54	46	31	47	45	70	65	63	51	67	63	56	26	36	38	62	60	64	61	46.8
	MIN	32	28	32	32	29	23	33	32	31	14	5	16	31	24	12	22	31	36	51	41	32	32	51	25	18	20	28	32	52	55	39	30.3
RANTOUL	MAX	38	37	40	44	38	38	45	47	43	36	31	34	41	48	38	30	43	54		63	63	55	69	56	37	27	35	41	61	61	64	45.2
	MIN	31	31	32	34	27	23	28	33	34	28	8	7	19	30	11	15	26	37		45	34	33	39	34	20	11	24	31	36	55	40	28.5
URBANA	MAX	36	40	54	53	32	50	38	47	33	26	33	38	59	41	31	49	50	72	64	56	56	68	60	43	27	39	42	62	61	63	44	47.3
	MIN	32	31	35	31	30	27	33	32	26	9	6	18	32	21	15	24	35	47	52	38	35	40	43	22	18	21	31	32	55	44	34	30.6
WATSEKA 2 NW	MAX	39	36	40	52	36	33	45	39	45	33	20	30	38	57	35	28	48	51	71	62	49	55	73	58	41	26	33	39	58	59	63	44.9
	MIN	28	30	32	34	31	26	24	30	31	16	5	8	19	26	12	14	27	37	47	45	32	32	39	39	19	20	25	29	36	55	40	28.6
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	39	38	47	57	35	37	55	38	40	37	30	54	51	70	50	40	52	54	70	71	49	58	67	56	34	34	38	46	71	64	67	50.0
	MIN	32	33	34	33	32	22	31	22	28	27	7	20	32	30	19	20	31	40	49	48	40	41	49	33	23	23	30	33	45	55	42	32.4
CARLINVILLE	MAX	39	43	57	56	36	57	52	36	36	34	51	52	71	53	38	53	57	74	74	68	56	71	64	50	30	41	47	70	68	66	62	53.6
	MIN	33	32	36	31	30	26	28	26	28	22	14	24	40	28	16	22	37	44	54	44	35	43	50	26	21	20	31	38	57	58	40	33.4
GRIGGSVILLE	MAX	39	41	53	49	34	53	38	39	37	30	47	49	63	50	36	54	54	73	75	60	54	65	62	41	32	43	48	73	66	70		50.9
	MIN	32	29	34	30	29	26	24	24	30	14	11	24	39	27	14	25	36	45	54	41	36	39	41	24	20	22	27	38	59	46	38	31.5
HILLSBORO	MAX	34	43	58	59	39	55	49	39	36	36	49	54	74	54	43	54	57	75	76	69	59	69	62	55	31	48	52	70	68	66	65	54.8
	MIN	31	30	35	32	29	27	34	26	29	24	12	25	48	28	18	25	34	47	53	46	37	45	50	30	20	23	31	38	58	56	40	34.2
JACKSONVILLE 2 E	MAX	35	37	41	55	33	35	54	34	38	38	23	47	48	64	50	35	52	54	72	73	49	51	69	61	30	29	42	46	70	65	68	48.3
	MIN	32	31	32	32	30	26	26	25	27	21	11	14	22	28	15	15	27	31	43	43	35	37	44	29	20	20	25	29	41	58	39	29.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MARCH 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	37	40	52	58	35		57	38	39	36	29	54	53	71	53	40	54	70	73	75	50	58	72	60	31	34	39	52	73	64	68	52.2
	MIN	33	30	34	32	31	33	32	26	29	20	16	21	33	29	17	24	24	42	53	45	37	43	51	29	19	21	31	35	51	54	42	32.8
PANA	MAX	37	43	58	55	35	53	46	38	35	34	39	48	66	49	33	51	55	72	73	64	55	68	63	49	28	41	46	68	62	64	62	51.3
	MIN	33	31	37	32	30	27	31	29	30	20	12	24	36	28	17	24	35	46	53	45	36	46	49	26	20	26	31	38	56	56	40	33.7
SPRINGFIELD WSO AP	MAX	37	41	55	46	34	53	36	36	35	25	37	42	63	47	34	51	53	74	71	58	52	70	63	40	28	40	47	69	65	67	45	48.8
	MIN	33	33	39	31	31	28	29	29	23	11	9	17	33	21	15	26	39	45	55	40	35	43	40	23	20	26	30	39	59	44	38	31.7
VIRDEN 1 N	MAX	37	41	55	54	34	53	51	36	36	34	37	46	66	52	38	52	54	73	72	67	55	70	63	50	28	42	47	70	69	67	67	52.1
	MIN	33	30	34	30	29		27	24	28	20	9	17	43	38	14	23	31	40	51	42	32	40	48	24	18	22	30	41	59	60	35	32.4
WHITE HALL 1 E	MAX	39	43	56	55	38	51	46	39	39	36	51	51	68	55	43	53	55	73	74	62	54	69	67	50	32	42	48	71	70	69	67	53.7
	MIN	32	30	34	30	30	24	28	25	32	20	12	25	38	28	16	23	36	45	53	44	37	42	48	25	21	23	32	37	58	57	39	33.0
• • •																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	38	46	57	57	35	52	51	44	41	38	35	48	66	46	43	51	58	74	68	60	59	69	65	59	30	42	47	67	67	65	63	52.9
	MIN	33	32	36	33	31	27	34	31	29	19	10	18	30	22	16	19	35	49	54	48	38	45	52	28	19	25	31	32	56	59	41	33.3
EFFINGHAM 3 W	MAX	37	37	47	58	38	35	52	38	41	39	29	37	48	66	48	36	50	56	73	70	55	56	67	60	34	29	40	46	67	62	62	48.8
	MIN	33	33	34	38	32	27	29	30	30	24	13	15	24	30	18	19	23	39	51	54	40	42	52	34	22	22	29	33	40	56		32.2
FLORA 5 NW	MAX	39	45	49	58	37	53	49	41	45	38	41	50	68	62	47	52	60	74	70	65	60	68	63	52	30	41	47	69	66	65	63	53.8
	MIN	34	33	35	34	33	29	30	29	28	24	15	23	35	29	19	19	33	47	53	49	41	48	50	29	23	27	32	37	55	56	43	34.6
MATTOON	MAX	37	45	57	55	34	51	38	44	38	29	36	45	65	46	35	50	55	71	66	58	51	68	62	41	27	41	46	66	60	63	48	49.3
	MIN	33	32	41	32	32	28	31	31	28	12	11	21	34	22	17	25	35	47	54	42	38	45	41	22	20	27	32	37	55	48	36	32.5
MOWEAQUA	MAX	42	40	57	55	34	48	48	39	38	33	34	45	66	63	41	51	55	73	74	66	53	69	64	63	53	32	49	68	66	65	67	53.3
	MIN	33	32	38	33	30	28	33	30	32	20	10	19	39	29	28	29	34	40	53	48	34	44	38	39	29	20	26	36	56	56	41	34.1
NEWTON 6 SSE	MAX	38	38	46	58	39	36	50	40	44	44	31	35	48	65	48	36	51	59	72	64	61	60	68	61	35	30	41	48	67	62	64	49.6
	MIN	31	32	33	39	32	29	31	31	29	26	14	15	27	31	19	19	24	32	48	53	43	44	51	33	22	22	29	32	39	56	43	32.5
OLNEY 2 S	MAX	40	49	61	58	39	53	43	45	48	40	36	52	67	60	46	54	60	76	67	61	64	70	65	51	30	44	50	70	63	64	64	54.5
	MIN	34	33	41	34	33	29	30	31	29	27	11	26	37	31	20	21	32	51	55	52	45	50	53	30	22	27	31	36	57	56	44	35.7
PALESTINE	MAX	37	48	59	59	37	53	43	52	43	37	37	49	67	47	38	52	61	75	63	66	66	73	63	53	30	43	49	70	63	63	61	53.5
	MIN	35	34	40	36	33	29	32	33	34	21	14	24	35	32	20	21	35	47	54	50	46	48	48	30	22	28	31	36	57	59	44	35.7
PARIS WATERWORKS	MAX	40	47	57	57	35	50	43	51	40	35	34	46	64	45	32	50	57	73	62	59	53	72	63	52	29	40	46	65	62	64	62	51.1
	MIN	33	32	37	33	32	28	33	33	34	17	9	19	33	29	17	21	33	51	52	47	40	43	50	28	20	22	30	34	55	55	41	33.6
SALEM	MAX	37	45	58	57	36	54	48	38	42	37	45	53	67	62	48	55	60	74	74	68	56	71	65	51	29	39	47	69	65	65	64	54.2
	MIN	33	33	39	34	33	26	30	29	30	26	16	25	37	31	19	21	32	45	52	48	41	49	49	28	22	23	31	37	57	57	43	34.7
TUSCOLA	MAX	39	43	55	56	34	52	51	46	42	34	35	47	64	59	39	49	49	72	69	65	54	69	68	62	32	39	44	63	65	64	63	52.4
	MIN	30	32	35	32	32	28	34	32	32	15	8	20	32	29	16	24	33	42	52	48	35	43	52	31	20	24	31	33	55	55	41	33.1
VANDALIA 2 NW	MAX	37	37	50	59	35	36	53	38	39	39	35	44	50	66	50	38	52	63	74	73	51	59	69	64	34	33	40	49	67	63	65	50.4
	MIN	33	31	34	32	31	27	32	28	30	24	14	24	32	30	16	22	32	47	52	50	38	40	51	31	20	22	30	34	48	53	41	33.2
WINDSOR	MAX	37	43	57	56	35	48	43	43	38	32	37	48	66	62	36	52	55	74	70	65	53	67	63	58	28	39	48	67	67	68	63	52.2
	MIN	32	32	36	32	30	27	27	29	32	19	10	21	35	26	15	23	34	44	54	45	32	50	51	27	18	25	31	36	54	55	40	33.0
• • •																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	44	49	59	58	49	54	48	45	55	45	44	56	65	61	49	54	65	73	65	60	55	67	67	55	37	49	47	67	66	64	64	56.0
	MIN	33	35	41	34	35	28	34	31	29	29	18	30	39	33	21	34	36	52	57	50	45	51	49	30	23	23	35	39	55	45	44	36.7
BELLEVILLE SO ILL UNIV	MAX	40	45	60	59	37	57	57	40	41	38	57	56	71	70	52	54	59	73	75	74	54	70	67	54	34	39	45	71	70	66	66	56.5
	MIN	34	34	38	35	32	27	31	28	32	27	18	26	36	30	19	20	32	41	58	45	41	47	51	28	23	25	32	39	54	54	43	34.8
CAHOKIA	MAX	38	38	51	60	36	38	61	41	43	39	34	60	55	75	55	42	56	66	69	70	59	56	70	64	34	36	39	57	74	64	70	53.2
	MIN	34	34	34	33	33	28	32	28	31	27	18	23	36	31	20	21	34	43	56	47	43	45	51	32	24	24	31	34	43	56	43	34.5
CAIRO WSO CI	MAX	42	57	62	60	43	54	49	46	58	45	42	54	65	55	41	56	67	73	65	63	58	70	63	43	37	48	50	67	64	64	62	55.6
	MIN	36	37	52	38	37	34	35	32	36	30	24	35	49	36	27	33	42	57	55	51	50	53	43	29	29	31	39	49	59	60	49	40.9
CARBONDALE SEWAGE PL	MAX	40	40	48	61	39	39	54	42	42	55	39	44	57	67	53	42	57	66	74	70	61	55	69	65	35	33	49	51	70	64	66	53.1
	MIN	33	34	34	36	34	27	33	30	30	28	19	21	32	33	22	21	29	46	56	57	46	46	51	24		21	29	37	47	58	47	35.4
CARLYLE RESERVOIR	MAX	37	38	48	58	36	36	56	40	38	40	36	49	52	68	52	36	54	59	75	74	52	56	69	65	34	33	39	46	69	63	65	50.7
	MIN	33	33	34	34	32	28	32	27	29	27	17	21	30	30	19	21	30	42	48	51	41	41	49	32	22	23	30	33	45	55	37	33.1
DU QUOIN 4 SE	MAX	40	51	61	58	59	56	40	41	51	37	46	56	67	52	40	55	66	75	73	60	55	69	66	37	32	43	44	68	65	65	54	54.3
	MIN	34	34	44	34	29	28	29	29	30	25	19	29	37	25	24	22	33	52	56	47	44	51	36	24	24	24	34	40	56	53	44	35.2
KASKASKIA R NAV LOCK	MAX	43	40	48	58	38	40	59	40	42	44	40	57	58	72	56	42	52	62	76	75	53	54	67	63	35	37	45	48	72	65	67	53.2
	MIN	30	34	35	34	33	28	32	29	29	28	19	20	31	23	21	21	22	42	50	52	42	41	42	34	23	23	28	33	45	54	44	33.0
MARION 4 NNE	MAX	42	39	50	60	41	49	54	43	40	56	49	46	55	67	53	45	57	67	75	67	62	55	70	65	36	31	46	46	68	62	65	53.6
	MIN	32	34	34	40	33	27	27	30	30	28	19	20	30	33	21	21	24	44	55	58	46	46	52	34	24	23	26	35	45	58	50	34.8
NASHVILLE 4 NE	MAX	38	42	59	57	36	54	48	38	40	38	46	51	67	65	49	52	58	74	75	72	58	67	64	51	30	40	46	68	64	64	62	54.0
	MIN	34	33	36	33	32	27	32	28	31	27	17	27	39	30	19	25	36	49	55	46	42	47	49	28	23	25	32	38	55	57	43	35.3
SPARTA	MAX	39	45	60	58	38	58	51	42	42	39	53	55	70	60	52	57	61	75	75	68	53	70	65	46	34	41	44	71	66	66	64	55.4
	MIN	34	34	39	33	32	29	33	28	32	26	19	28	39	29	21	24	38	51	56	46	42	49	46	27	22	25	33	38	56	58	43	35.8
WATERLOO	MAX	38	40	52	58	36	48	61	41	43	39	37	50	59	74	55	43	58	72	75	76	49	55	71		34	38	40	57	73	64	67	53.4
	MIN	32	33	36	32	32	26	32	27	31	26	17	27	39	29	18	22	32	49	57	46	42	48		30	23	24	32	33	53	55	42	34.2
• • •																																	
SOUTHEAST 09																																	
ALBION	MAX	41	52	60	60	39	53	53	43	47	47	40	51	68	64	50	52	62	74	72	64	64	70	66	51	33	40	46	68	70	65	68	55.9
	MIN	34	33	43	35	34	30	33	30	30	28	15	27	37	31	20	22	35	49	54	55	45	50	50	31	23	24	31	36	57	57	45	36.3
BROOKPORT DAM 52	MAX	46	60	59	59	41	54	52	43	58	53	44	61	66	63	51	60	67	73	71	66	62	70	62	51	35	51	49	70	68	66	64	57.9
	MIN	37	34	46	36	32	34	40	32	35	35	23	34	46	36	23	31	42	52	53	51	49	49	50	31	25	24	37	45	54	55	49	39.4
DIXON SPRINGS AGR C	MAX	41	59	62	61	39	52	52	41	59	54	42	59	68	68	51	58	68	76	72	65	60	70	68	58	33	47	50	70	70	65	65	58.2
	MIN	35	34	51	38	35	25	35	29	33	29	18	30	45	34	22	20	37	55	57	57	49	52	52	30	25	21	36	42	59	59	46	38.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MARCH 1979

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	37	49	59	56	37	53	50	42	44	40	43	49	68	63	47	51	61	75	70	62	60	70	64	54	32	40	45	70	69	64	64	54.5
	MIN	35	33	40	37	34	30	30	30	29	27	15	25	37	32	20	20	34	49	54	52	44	53	52	30	23	26	32	36	57	57	47	36.1
HARRISBURG	MAX	41	49	63	61	40	55	49	42	58	43	44	52	69	62	50	55	69	78	70	65	58	73	66	55	32	45	45	72	69	67	65	56.8
	MIN	35	34	41	37	35	28	36	30	32	29	19	29	38	34	23	22	32	50	56	55	47	49	53	30	25	23	35	38	59	58	46	37.4
MC LEANSBORO 2 ENE	MAX	41	38	55	60	40	38	53	44	41	50	35	44	52	67	50	37	52	65	75	68	61	57	70	65	35	36	42	45	70	65	65	52.1
	MIN	33	33	33	40	33	28	32	30	30	29	18	20	33	32	22	23	30	43	54	54	45	45	52	34	22	22	30	30	43	44	45	34.3
MT CARMEL	MAX	41	39	56	60	46	39	51	46	44	47	37	40	49	64	49	37	53	62	73	62	62	66	72	64	37	33	41	48	70	67	66	52.3
	MIN	33	34	34	45	34	32	33	32	32	30	15	18	30	33	21	22	29	40	53	53	47	48	53	35	23	24	28	32	37	57	48	35.0
MT VERNON 3 NE	MAX	38	50	61	58	52	57	47	46	41	43	41	52	63	52	41	52	57	57	75	70	65	59					46	68	69	67	64	55.2
	MIN	33	34	48	33	32	24	29	28	27	31	20	35	31	33	19	19	32	44	52	52	42	43	41	41	23	22	32	36	43	41	40	34.2
RENO LAKE DAM	MAX	39	39	52	63	39	39	55	41	39	48	32	46	51	67	52	37	55	68	76	72	60	56	70	67	37	31	43	49	71	64	66	52.4
	MIN	34	34	34	35	34	29	34	29	30	28	18	23	33	31	21	24	33	42	57	53	44	44	50	34	24	24	31	34	48	56	44	35.1
ROSICLARE	MAX	47	59	62	61	42	55	50	43	60	45	44	55	67	61	48	56	68	77	68	65	60	72	67	51	47	50	49	72	69	67	64	58.1
	MIN	35	38	48	37	35	26	34	31	32	31	19	29	35	33	22	21	32	51	56	55	49	50	49	30	22	30	36	40	57	58	47	37.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
MARCH 1979

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	33	33	33	33	33	33	33	34	39	37	35	35	34	37	37	36	39	41	49	51	50	51	52	53	54	43	41	44	46	49	52	41.0
		MIN	32	32	33	33	33	32	33	33	34	35	35	34	33	33	33	34	34	37	41	48	46	45	46	49	43	39	38	39	41	46	49	37.8
	8	MAX	34	34	34	34	34	34	34	35	38	38	38	38	37	37	38	38	38	39	46	49	49	48	50	51	51	45	44	43	45	48	50	41.0
		MIN	34	34	34	34	34	34	34	34	35	38	38	37	36	36	37	37	37	38	38	46	48	47	48	50	45	43	43	42	43	45	48	39.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
DIXON	SNOWFALL			T		T		T		T	1.2				T	T									1.3	.9						
	SN ON GND	22	21	20	18	18	17	16	15	15	14	13	13	11	10	10	9	5	3	T	T				1	1	T	T				
FREEPORT WASTE WTR PLT	SNOWFALL	.5				T		T	T	T						T									.8	2.2						
	SN ON GND	16	14	13	12	11	10	10	9	9	9	8	8	7	6	4	2	1	1	T	T				1	3	1	T				
GALENA 1 N	SNOWFALL	.5				.5		T	T							.5									T	.5						
	SN ON GND	10	9	8	7	6	6	6	6	6	5	5	3	3	3	3	3	2	1	T					T	1						
GALVA	SNOWFALL	.5						.3		2.0	1.5														.5	2.0						
	SN ON GND	12	12	11	10	9	9	8	7	9	8	8	6	5	3	2	2	1	T	T	T	T	T	T	T	2	1	T				
MOLINE WSO AP	SNOWFALL					.1		.8		.9	.1				T										1.4	.1	T					
	SN ON GND	8	7	6	5	5	5	4	4	4	4	4	4	3	1	1	1	T	T	T					T	1	T					
	WTR EQUIV	2.3	3.7	3.7	3.8	3.8	3.7	3.7	3.5	3.3	3.3	3.3	2.5	2.3																		
MORRISON	SNOWFALL	1.0																							1.0	2.0						
	SN ON GND	20	20	18	16	14	12	9	9	9	9	9	9	7	6	6	5	4	2	1					1	2						
PAW PAW	SNOWFALL	1.0					T	T	T	T	T	T				T									1.0							
	SN ON GND	17	16	15	13	13	13	13	10	10	10	10	9	9	8	8	8	7	5	2					1	1	T					
ROCKFORD WSO AP	SNOWFALL	.2			T	.2		T	T	.3	T				.1										3.6	.1	T	T				
	SN ON GND	16	16	15	13	12	11	10	10	9	9	9	8	8	8	8	7	7	5	1	T	T	T	T	1	3	3	2	1	T		
	WTR EQUIV	4.9	4.9	5.1	4.0	3.8	3.6	3.6	3.6	3.6	2.9	2.9	2.9	3.2	3.2	2.9	2.9	2.8	2.0						.2	.3	.3					
WALNUT	SNOWFALL							T																	1.0							
	SN ON GND	10	9	9	7	7	7	7	5	4	4	4	4	1	1										1							
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL	1.2				T	.6				.8	T				T										4.0	T					
	SN ON GND	18	17	16	15	15	15	14	13	12	12	12	11	10	9	9	9	8	7	5	3	2	1	T	T	4	4	3	1	T		
AURORA	SNOWFALL					T				T	-					.4																
	SN ON GND	19	18	17	14	13	13	11	11	10	10	10	10	9	6	5	5	4	2													
CHICAGO O'HARE WSO AP	SNOWFALL	.3				.8				.5	T	T			T										T	.4	T					
	SN ON GND	7	5	4	1	1	1	T	T	T	T	T	T	T	T	T	T	T							T	T	T					
	WTR EQUIV	2.5	2.4	2.2																												
CHICAGO MIDWAY WSO AP	SNOWFALL	T				.7	T			1.0	T	T			T										.1	.2	T					
	SN ON GND	10	9	7	2	T	T	T	T	T	T	T	T	T		T										T	T	T				
	WTR EQUIV	2.9	2.0	1.7																												
DE KALB	SNOWFALL	.1													.3										2.0	.1						
	SN ON GND	15	14	12	11	11	10	10	9	9	8	8	7	6	5	4	3	2	1	1					2	1						
MORRIS	SNOWFALL									.4		T														T						
	SN ON GND	12	12	11	5	4	4	4	3	3	3	3	3	3	2	2	2	1								1						
OTTAWA	SNOWFALL				-					2.0					T										1.5							
	SN ON GND	17	17	13	11	9	8	7	6	6	6	5	5	4	4	4	3	2	1						2	1						
PARK FOREST	SNOWFALL									T	T					T		T								1.0						
	SN ON GND	8	8	7	4	4	4	3	2	1	T	T				T		T								1	T					
WEST 03																																
CANTON 1 ESE	SNOWFALL									3.0															2.5							
	SN ON GND	23	20	17	16	16	15	14	13	16	16	15	15	T	T	T									3	2	T					
LA HARPE	SNOWFALL					T		1.0	.5	3.0	1.0														1.0	2.0						
	SN ON GND	6	5	5	3	3	2	3	2	3	4	3	2	T	T										1	T						
MONMOUTH	SNOWFALL							1.4		3.3															1.0	.5						
	SN ON GND	8	8	7	7	7	7	7	6	7	7	6	5	4	4	3	3															
QUINCY FAA AP	SNOWFALL				T	.1		.4	T	5.8	T													T	.8	T						
	SN ON GND	2	1	T	T	T	T	T	T	1	2	2													1	1						
CENTRAL 04																																
DECATUR	SNOWFALL					T				.5	2.5														-	1.5						
	SN ON GND	4	3	1	T	T	T	T	T	1	3	2	1	T	T										-	2						
FARMER CITY	SNOWFALL									1.0																2.0						
	SN ON GND	3	2	1	T	T	T	T	T	1	1	1	T	T	T	T										2	1	T				
LACON 2 E	SNOWFALL																								1.0	.3	T					
	SN ON GND																								1		T					
LINCOLN	SNOWFALL							T	T	1.0	2.0															3.0						
	SN ON GND	4	3	2						1	2															2	1					
NORMAL	SNOWFALL				T	T		T		1.8	T														1.0	T						
	SN ON GND	4	3	T	T	T	T	T	T	1	1	T	T	T											1	T	T					
PEORIA WSO AP	SNOWFALL	T			T	T		.2		4.6	T				T										1.6	.1						
	SN ON GND	7	7	6	4	T	T	T	T	1	2	2	2	T	T	T	T	T	T						T	1	1	T				
	WTR EQUIV	2.8	2.6	2.9	2.1						.4	.3																				
EAST 05																																
DANVILLE	SNOWFALL									5.4																.6						
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOOPESTON 1 NE	SNOWFALL						T			T	2.0	T				T										1.2	T					
	SN ON GND	2	1	1			T				T	T	T													1	T					
KANKAKEE WTR POLL CTR	SNOWFALL						T			T	1.0					1.0										T						
	SN ON GND	5	4	3	3	2	2	1	1	T	1	1	1	1		1																
PIPER CITY 3 SE	SNOWFALL				T		T			.5	1.9	.4				T										1.1	T					
	SN ON GND	5	4	4	2	2	2	2	2	3	3	3	3	3	1	1	1	1	1	T	T	T	T			1	1	1	T			
PONTIAC	SNOWFALL																								T	2.0	T					
	SN ON GND	9	8	6	5	4	4	3	3	3	3	3	2	T	T	T	T	T	T	T					T	1	T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
URBANA	SNOWFALL				T	T		T		3.8	T				T										.8	.3	T					
	SN ON GND	4	4	3	T	T	T			T	2	2	2	T												T	T					
WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL				T	T		T	T	.4	T	T													1.5	.5		T				
	SN ON GND									T	T														1							
EDWARDSVILLE 1 NE	SNOWFALL								T		T														T	1.3	T	T				
	SN ON GND																									1	T	T				
GRIGGSVILLE	SNOWFALL							T	T	1.0	4.0														T	3.0						
	SN ON GND	2	1	T	T	T		T	T	1	2	2	1	T											T	3						
JACKSONVILLE 2 E	SNOWFALL							T	.3	1.0	2.0															.8						
	SN ON GND								T	1	3	2														1	T					
PANA	SNOWFALL					T	T		.2	T	1.0	T													T	1.0	T	T				
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T												T	1	T	T				
SPRINGFIELD WSO AP	SNOWFALL				T	T		.2		5.9	T														1.9	.1						
	SN ON GND	T	T	T	T	T	T		T	T	2	2	1												T	2	T	T				
	WTR EQUIV									.6	.5	.5																				
WHITE HALL 1 E	SNOWFALL									1.5															T	.5						
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T						
EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL								T			T														.5	T	T				
	SN ON GND	1	1	T					T			T														1		T				
OLNEY 2 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS WATERWORKS	SNOWFALL																								.3	1.0						
	SN ON GND																									1						
SALEM	SNOWFALL				T			T			T														T	T	T					
	SN ON GND																								T	T						
TUSCOLA	SNOWFALL				T					T	T					T									T	.2						
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	SNOWFALL				-			T			T														.5	T						
	SN ON GND	T	T		T	T	T	T	T	T	T	T	T	T											1	1	T					
SOUTHWEST 08																																
ANNA 1 E	SNOWFALL																									4.0						
	SN ON GND	12	10	6	1																					2						
BELLEVILLE SO ILL UNIV	SNOWFALL																									1.0		1.0				
	SN ON GND																															
CAIRO WSO CI	SNOWFALL																								.3							
	SN ON GND	T																														
CARBONDALE SEWAGE PL	SNOWFALL								T	T		T													T	1.0	T					
	SN ON GND	9	6	3	T																					1						
NASHVILLE 4 NE	SNOWFALL																									.3	T	T				
	SN ON GND	3	3	1	T	T	T	T	T	T																T	T	T				
SPARTA	SNOWFALL							T																	.3	2.3	T					
	SN ON GND	3	1																													
SOUTHEAST 09																																
ALBION	SNOWFALL	4.0																														
	SN ON GND	2																														
BROOKPORT DAM 52	SNOWFALL																									5						
	SN ON GND																															
DIXON SPRINGS AGR C	SNOWFALL																								T	.4						
	SN ON GND																								T							
GOLCONDA DAM 51	SNOWFALL																									T						
	SN ON GND																									T						
HARRISBURG	SNOWFALL																								1.0	1.0						
	SN ON GND	2	1																						1	T						
MC LEANSBORO 2 ENE	SNOWFALL						T		T																	.4						
	SN ON GND	3	1	T																						T						
MT VERNON 3 NE	SNOWFALL																								.2	T		T				
	SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS	7	38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER	4	41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE	1	41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN	1	40 44	68 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSO AP R	1577	02	COOK	3	41 47	87 45	627	MID	MID		C HJ	NATL WEATHER SERVICE
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL	3	41 27	87 38	664				C	VILLAGE OF CRETE
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON	1	39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE	6	41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE	1	42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY	1	41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY	6	41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD 1 S	3666	06	GREENE	1	39 20	90 12	550				C	WILLIAM C MENG
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		7A		C	CITY DISPOSAL PLANT
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	7A	7A			TIMOTHY G DEST
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	7A	7A		C H	JERRY SYMONS
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	7A	7A			JAMES L SAMPSON
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	5P	5P		H	MRS D B PACE JR
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL	4	42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON	1	40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES	7	39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY	1	41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	7A	7A		H	CITY OF MORRISON
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL	4	42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE	6	42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE	1	41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL	1	41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610				C	RICHARD O BRADLEY
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION	2	38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	640				C	MERLE E LASH
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 2 NW	8781	07	FAYETTE	2	38 59	89 07	540	7A	7A		C	KEN C RITTER
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS	1	39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE	4	38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL	1	41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX	1	40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
	No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

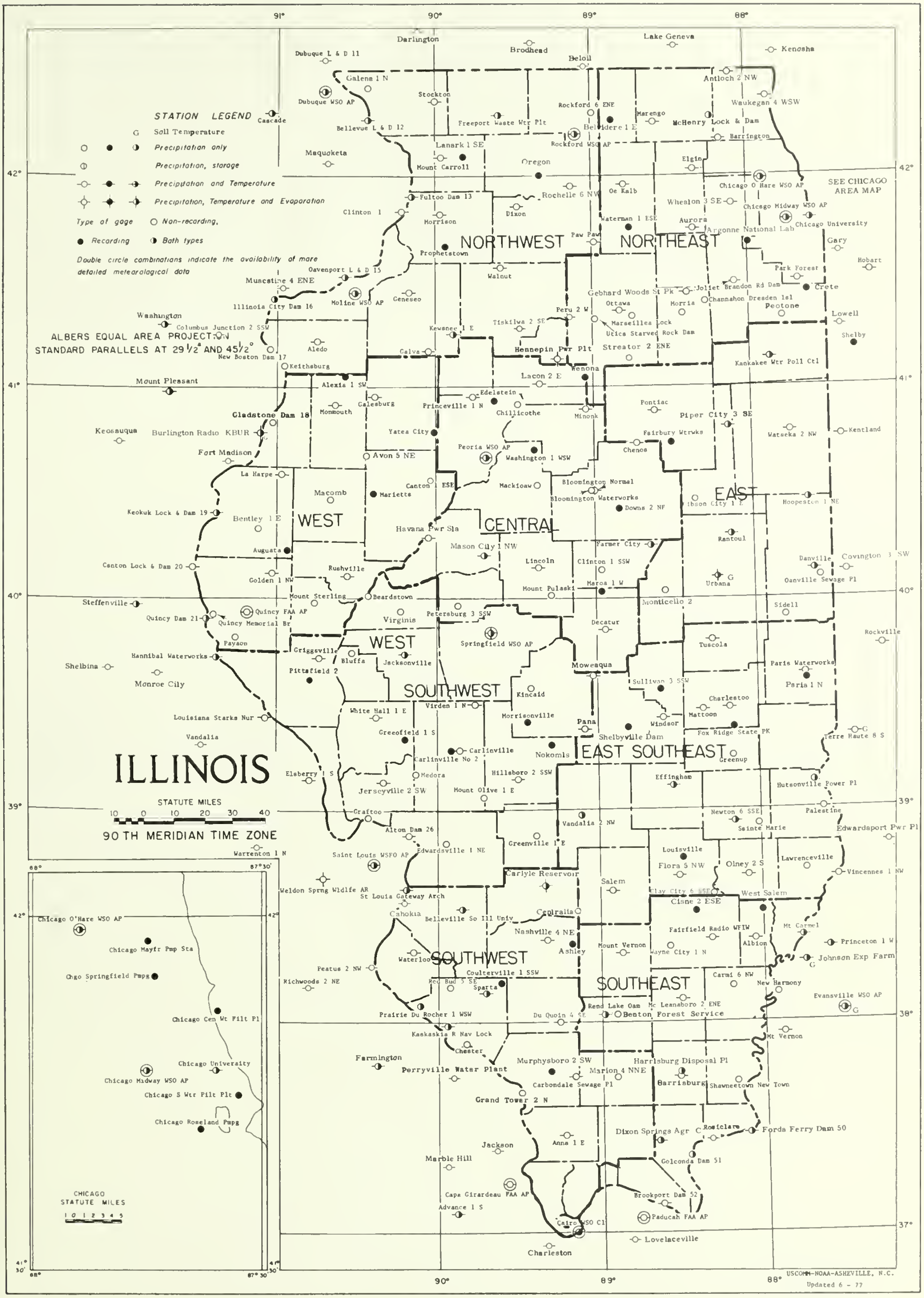
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.10 per year for each section including annual summary; $8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton
Waukegan 4 WSW
Rockford 6 ENE
STATION LEGEND
Cascade
Freeport Waste Wtr Plt
Belvidere 1 E
Marengo
McHenry Lock & Dam
Bellevue L & D 12
Rockford WSO AP
Barrington
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Lanark 1 SE
Maquoketa
Oregon
Elgin
Mount Carroll
Chicago O Hare WSO AP
SEE CHICAGO AREA MAP
Rochelle 6 NW
De Kalb
Fulton Dam 13
Wheaton 3 SE
Chicago Midway WSO AP
Clinton 1
Dixon
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Paw Paw
Gary
NORTHWEST
NORTHEAST
Prophetstown
Hobart
Davenport L & D 15
Walnut
Park Forest
Muscatine 4 ENE
Joliet Brandon Rd Dam
Crete
Gebhard Woods St Pk
Channahon Dresden Isl
Moline WSO AP
Geneseo
Illinois City Dam 16
Ottawa
Morris
Peotone
Washington
Peru 2 W
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Tiskilwa 2 SE
Utica Starved Rock Dam
Kewanee 1 E
Shelby
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
Aledo
Streator 2 ENE
New Boston Dam 17
Calva
Hennepin Pwr Plt
Kankakee Wtr Poll Ctl
Keithsburg
Henona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Monmouth
Galesburg
Princeville 1 N
Pontiac
Chillicothe
Minonk
Gladstone Dam 18
Piper City 3 SE
Keosauqua
Burlington Radio KBUR
Yates City
Fairbury Wtrwks
Watseka 2 NW
Kentland
Chenoa
Peoria WSO AP
Washington 1 WSW
Fort Madison
Avon 5 NE
La Harpe
Mackinaw
Bloomington Normal
Canton 1 ESE
Macomb
Mariette
Bloomington Waterworks
EAST
Keokuk Lock & Dam 19
Downs 2 NF
Gibson City 1 E
Hoopeston 1 NE
WEST
Bentley 1 E
CENTRAL
Havana Pwr Sta
Rantoul
Augusta
Mason City 1 NW
Farmer City
Danville
Covington 3 SW
Lincoln
Clinton 1 SSW
Canton Lock & Dam 20
Rushville
G
Golden 1 NW
Urbana
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
Monticello 2
Mount Sterling
Beardstown
Steffenville
Sidell
Quincy FAA AP
Virginia
Petersburg 3 SSW
Decatur
Quincy Dam 21
Quincy Memorial Br
Rockville
Payson
Springfield WSO AP
Tuscola
Griggsville
WEST
Bluffs
Hannibal Waterworks
Jacksonville
Moweaqua
Paris Waterworks
Shelbina
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
SOUTHWEST
Kincaid
Charleston
Virden 1 N
White Hall 1 E
Mattoon
Morrisonville
Louisiana Starks Nur
Pana
Windsor
Greenfield 1 S
Shelbyville Dam
Fox Ridge State PK
Terre Haute 8 S
Vandalia
Carlinville
Nokomis
EAST SOUTHEAST
ILLINOIS
Carlinville No 2
Greenup
Elsberry 1 S
Hillsboro 2 SSW
Medora
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
STATUTE MILES
10 0 10 20 30 40
Palestine
Grafton
Newton 6 SSE
Vandalia 2 NW
Sainte Marie
Edwardsport Pwr Pl
90TH MERIDIAN TIME ZONE
Alton Dam 26
Warrenton 1 N
Greenville 1 E
Edwardsville 1 NE
Louisville
Saint Louis WSFO AP
Flora 5 NW
Olney 2 S
Lawrenceville
Vincennes 1 NW
Carlyle Reservoir
Salem
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
West Salem
Cisne 2 ESE
Cahokia
Centralia
Belleville So Ill Univ
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Ashley
Mount Vernon
Albion
Waterloo
SOUTHWEST
Wayne City 1 N
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
Richwoods 2 NE
Sparta
SOUTHEAST
New Harmony
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Ford Ferry Dam 50
Jackson
Anna 1 E
Golconda Dam 51
Marble Hill
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
88°
87°30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
1 0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

U.S. MAIL

THIRD CLASS

BULK RATE

214/12: 04/4

APRIL 1979 VOLUME 84 NUMBER 4

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	84	DATE 21+
LOWEST TEMPERATURE:	KEWANEE 1 E	7	DATE 06
GREATEST TOTAL PRECIPITATION:	MOUNT PULASKI	10.84	
LEAST TOTAL PRECIPITATION:	FULTON DAM 13	2.79	
GREATEST 1 DAY PRECIPITATION:	SPRINGFIELD WSO AP	4.45	DATE 11
GREATEST TOTAL SNOWFALL:	ANTIOCH 2 NW	9.4	
GREATEST DEPTH OF SNOW OR ICE:	GALENA 1 N	6	DATE 02

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	40	SW	11	-	-	-	-	1	4	5	0	2	2	14	59	-
CHICAGO O HARE WSO AP	34	0.5	11.6	46++	29	05	76	79	61	62	4	6	7	1	1	0	19	-	7.9
CHICAGO MIDWAY WSCMO AP	6	0.6	10.7	58	W	05	77	83	70	68	8	2	7	1	0	1	19	53	7.9
MOLINE WSO AP	27	1.2	12.3	49	NE	11	78	81	61	61	5	4	5	2	1	0	17	44	7.3
PEORIA WSO AP	20	0.5	11.4	41	NW	05	80	85	65	64	4	6	6	0	2	0	18	46	7.6
ROCKFORD WSO AP	5	0.3	11.8	46++	29	05	82	86	61	63	5	5	6	1	1	1	19	-	7.7
SPRINGFIELD WSO AP	21	0.8	12.3	36	NW	05	78	81	62	61	7	4	6	1	0	1	19	48	7.6

CLEMSON UNIVERSITY LIBRARY
JUL 24 1979
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
NORTHWEST 01																							
ALEDO	57.5	38.7	48.1	- 3.5	74	20	18	6	503	0	0	8	0	3.74	- .18	.70	11	.0	0		10	3	0
DIXON	54.6	36.9	45.8	- 4.7	73	13	17	6	572	0	0	7	0	3.86	.42	1.32	26	T	0		8	2	2
FREEPORT WASTE WTR PLT	54.1	35.1	44.6		74	24	15	6	604	0	0	12	0	3.17		.78	26	1.4	1	2	7	3	0
FULTON DAM 13	53.6	37.2	45.4	- 4.7	70	24	18	6	580	0	0	10	0	2.79	- .60	.59	12	T	T	2	9	2	0
GALVA	55.2	37.1	46.2	- 5.2	75	26	17	6	557	0	0	8	0	5.78	1.87	2.40	26	.0	0		9	2	2
GENESEO	55.6	37.9	46.8		73	20+	19	6	541	0	0	8	0	4.22	.48	1.31	11	T	0		8	3	1
HENNEPIN POWER PLANT	55.9	38.3	47.1		76	21	19	6	530	0	0	7	0	5.02				.0	0				
KEWANEE 1 E	55.6	35.4	45.5	- 5.9	75	21	7	6	576	0	0	10	0	5.44	1.43	2.38	26	.0	0		9	2	2
MOLINE WSO AP R	56.9	37.9	47.4	- 3.2	74	20	18	6	521	0	0	7	0	4.01	.19	1.12	11	.6	0		8	3	1
MORRISON	55.5	36.8	46.2	- 4.6	70	25+	12	6	557	0	0	8	0	3.37	- .37	.81	12	.0	0		7	3	0
MOUNT CARROLL	53.9	34.1	44.0	- 5.6	72	13	15	6	620	0	0	13	0	3.93	.47	1.24	26	1.0	1	2	9	3	1
PAW PAW	53.5	33.8	43.7		73	24	15	7	632	0	0	15	0	6.20	2.29	2.39	26	T	0		10	3	2
ROCHELLE	52.4	34.1	43.3		70	21+	17	7+	644	0	0	11	0	4.11		.86	12	T	0		9	3	0
ROCKFORD WSO AP //R	52.6	33.1	42.9	- 5.3	74	23	13	6	658	0	0	13	0	5.20	1.35	2.17	25	2.0	T	28+	9	3	2
STOCKTON 1 N	53.8M	33.4	43.6M		72	24	11	6	635	0	0	14	0	3.34		.68	28	1.5	0		8	3	0
TISKILWA 2 SE	56.2M	36.6M	46.4M		75	20	18	6	571	0	0	7	0			1.50	26	T	T	5		3	1
WALNUT	55.7	37.9	46.8	- 4.1	73	25	18	6	540	0	0	7	0	4.49	.40	1.25	26	1.0	0		12	3	1
DIVISION			45.5	- 4.7										4.29	.58			.4					
NORTHEAST 02																							
ANTIOCH 2 NW	52.0	32.8	42.4	- 5.3	72	24	13	6	672	0	1	17	0	6.26	2.90	2.70	26	9.4	T	28+	6	3	2
AURORA	54.4	36.4	45.4	- 3.7	73	25+	17	6	583	0	0	8	0	6.06	2.62	1.86	12	.0	0		9	5	2
BARRINGTON	52.7	35.3	44.0		74	24	9	6	622	0	0	12	0	5.07		1.63	12	.0	0		8	3	2
CHICAGO O'HARE WSO AP R	54.5	36.4	45.5	- 3.3	77	12	19	6+	580	0	0	9	0	4.92	1.54	1.75	11	.1	T	9	9	2	1
CHICAGO UNIVERSITY //	54.4	39.0	46.7	- 2.2	76	13	18	6	542	0	0	5	0	4.61	.85	1.18	12	.0	0		9	3	1
CHICAGO MIDWAY WSO AP //R	52.2	36.9	44.6	- 5.3	73	12	16	6	606	0	0	7	0	5.01	1.26	2.26	11	T	T	9	9	2	1
DE KALB	54.5	37.1	45.8	- 2.8	69	25+	18	6	570	0	0	7	0	5.07	1.65			.0	0				
ELGIN	53.0	34.5	43.8		74	24	11	6	628	0	0	12	0	5.94	2.24	1.61	26	.0				6	2
GEBHARD WOODS ST PARK	55.5M	38.8M	47.2M		74	26	17	6	529	0	0	7	0	5.71		2.10	12	T	0		9	3	2
JOLIET BRANDON RD DAM	55.4M	36.5M	46.0M	- 4.5	74	25+	18	7+	563	0	0	8	0	5.78	2.00	2.20	12	.0	0		9	3	1
MARENGO	55.1	34.2	44.7	- 3.4	77	23	8	6	605	0	0	15	0	6.42	3.00	2.30	26				9	4	2
OTTAWA	58.3M	40.0M	49.2M	- 2.7	77	25	20	6	476	0	0	4	0	5.37	1.11	1.37	12	.0	0		10	4	1
PARK FOREST	51.6	36.2	43.9		73	13	17	6	626	0	0	9	0	5.19	.96	1.19	12	.0	0		10	3	2
PERU 2 W	58.9	37.4	48.2	- 3.2	75	25+	18	6	501	0	0	10	0	5.51	1.58	1.10	12	.0	0		14	4	2
WAUKEGAN	49.5	32.7	41.1	- 5.9	74	13	12	7	712	0	0	12	0	5.30	1.81	1.56	12		1	28	7	4	2
WHEATON 3 SE	56.3	35.5	45.9		75	12	16	6	568	0	0	11	0	4.98	1.33	2.01	12	T	0		7	3	1
DIVISION			45.3	- 4.1										5.45	1.74			.7					
WEST 03																							
GALESBURG	56.1	37.6	46.9		76	20	18	6	537	0	0	8	0	5.08	1.16	1.56	26	.0	0		9	3	2
GOLDEN 1 NW	59.5	40.2	49.9		82	20	22	6	452	0	0	3	0	3.81	- .12	1.71	11	.0	0		9	2	1
LA HARPE	59.4	39.6	49.5	- 3.1	79	20	19	6	461	0	0	5	0	4.53	.57	1.33	12	.0	0		9	4	1
MONMOUTH	57.9	39.1	48.5	- 3.3	77	20	19	6	493	0	0	5	0	4.63	.84	1.00	11	.0	0		11	4	1
QUINCY FAA AP	58.9	42.1	50.5		81	20	25	6	431	0	0	3	0	4.43	.55	2.17	11	.0	0		8	3	1
QUINCY DAM 21 //	59.5	41.4	50.5		82	21	24	7+	428	0	0	2	0	5.33	1.67	1.31	11	.0	0		7	4	3
RUSHVILLE	59.8M	41.9M	50.9M	- 2.5	79	20			423	0	0	4	0	4.43	.03	1.74	11	.0	0		9	3	1
DIVISION			49.5	- 3.4										4.61	.58			.0					
CENTRAL 04																							
CHENOA	57.6	38.1	47.9		76	25+	19	6	510	0	0	8	0	5.86		2.09	11	T	0		9	4	2
DECATUR	61.4M	40.5M	51.0M	- 2.9	80	20	21	6	418	0	0	4	0			3.58	12	.0	0			4	3
FARMER CITY	59.8M	39.8M	49.8M		75	20	20	6	450	0	0	5	0	7.13		2.71	12	.0	0		12	5	2
HAVANA 4 NNE	58.3	38.9	48.6		81	21	21	6	486	0	0	5	0	4.18	.18	1.53	12	T	0		8	3	1
LACON 2 E	58.9	37.4	48.2		79	25	18	6	501	0	0	7	0	4.93		1.21	26	T	0		9	3	2
LINCOLN	60.4	40.6	50.5	- 2.8	77	20	21	6	432	0	0	4	0	7.66	3.37	3.91	12	.0	0		11	4	1
MASON CITY 1 NW	59.4	40.4	49.9		78	20	21	6	447	0	0	4	0	4.94		2.39	11	.0	0		9	3	1
MINONK	56.1	37.0	46.6	- 4.7	81	26	18	6	547	0	0	9	0			1.90	12	T	0			5	3
NORMAL	59.5	39.5	49.5	- 3.4	75	21+	20	6	459	0	0	6	0	6.71	2.43	2.94	12	T	0		7	3	2
PEORIA WSO AP //R	56.8	38.6	47.7	- 3.6	77	20	20	6	510	0	0	6	0	4.48	.12	1.95	11	T	0		8	2	2
PRINCEVILLE	55.3	36.2	45.8		74	20	16	6	570	0	0	10	0	5.52	1.69	1.35	11	T	0		10	4	2
DIVISION			48.7	- 3.9										5.71	1.47			T					
EAST 05																							
DANVILLE	61.3	39.6	50.5	- 2.4	77	12	22	6	430	0	0	4	0	6.21	2.27	1.54	11	.0	0		10	5	2
HOOPESTON 1 NE	58.0	38.9	48.5	- 3.4	75	12	20	6	489	0	0	5	0	5.46	1.38	1.49	12	T	0		10	4	1
KANKAKEE WTR POLL CTR	55.0	36.1	45.6		75	13	19	6	576	0	0	8	0	5.27		1.54	12	.0	0		13	4	1
PIPER CITY 3 SE	57.7	38.4	48.1	- 3.1	74	25	20	6	504	0	0	6	0	5.16	.94	1.46	12	1.3	0		9	4	1
PONTIAC	57.4	39.3	48.4	- 3.7	74	25	19	6	493	0	0	6	0	6.17	2.01	2.67	12	T	0		10	4	1
RANTOUL	58.4	39.2	48.8		74	13	24	6	479	0	0	6	0	6.94	3.03	2.20	12	T	0		10	5	2
URBANA	58.0	40.5	49.3	- 3.1	74	20+	21	6	466	0	0	6	0	6.47	2.41	2.84	11	.4	0		8	3	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	55.1	36.8	46.0		73	13	20	7+	563	0	0	7	0	7.14	2.59	1.57	12	.0	0		10	5	3
DIVISION			48.2	- 3.6										6.10	1.97			.2					
* * *																							
WEST SOUTHWEST 06																							
ALTON DAM 26	59.5	43.5	51.5		77	26+	26	6	400	0	0	3	0	6.49		2.97	12	.0	0		8	3	2
CARLINVILLE	62.5	41.5	52.0	- 2.8	80	20	24	6	392	0	0	4	0	7.92	3.76	4.14	11	T	0		7	4	3
GRIGGSVILLE	58.9	42.4	50.7	- 3.7	81	20	23	6	432	0	0	3	0	7.31	3.44	3.19	12	.0	0		8	4	2
HILLSBORO	65.1	41.5	53.3	- 1.8	82	20	24	6	351	0	0	4	0	10.27	6.15	3.94	12	T	0		10	5	4
JACKSONVILLE 2 E	57.9	39.2	48.6	- 5.9	79	21	22	6	487	0	0	6	0	5.23	1.20	2.86	12	.0	0		6	3	1
JERSEYVILLE 2 SW	60.1	41.0	50.6		80	21	25	6	429	0	0	3	0	7.63		2.42	12	.0	0		6	4	3
PANA	61.3	42.0	51.7	- 2.8	78	20	23	6	398	0	0	4	0	7.43	3.52	2.96	12	.0	0		9	5	2
SPRINGFIELD WSO AP R	59.3	41.4	50.4	- 2.7	79	20	23	6	435	0	0	4	0	7.17	3.03	4.45	11	T	0		8	2	1
VIRDEN 1 N	61.0	41.1	51.1		80	20	21	6	414	0	0	5	0	7.43	3.45	3.20	12	.0	0		7	4	3
WHITE HALL 1 E	61.9	41.6	51.8	- 3.3	80	20	25	6	396	0	0	4	0	4.95	1.21	2.50	11	.0	0		7	3	1
DIVISION			51.2	- 3.5										7.18	3.20			T					
* * *																							
EAST SOUTHEAST 07																							
CHARLESTON	61.9	41.3	51.6	- 2.7	76	20	23	6	398	0	0	5	0	5.75	1.96	1.74	12	.0	0		11	5	1
EFFINGHAM 3 W	59.0	40.7	49.9	- 4.4	77	21	24	6	450	0	0	5	0	6.10	2.28	2.02	12	.0	0		10	4	1
FLORA 5 NW	63.6	42.7	53.2	- 2.9	79	20+	26	6	357	0	0	4	0	4.93	.74	1.16	12	.0	0		12	3	1
MATTOON	58.8	41.5	50.2		75	20+	23	6	437	0	0	5	0	6.00		2.75	11	.0	0		9	3	1
MOWEAQUA	62.5	42.3	52.4		78	20	24	10+	379	0	0	3	0	8.67		2.48	11	.0	0		10	5	3
NEWTON 6 SSE	59.7	41.5	50.6		77	21+	25	6	426	0	0	4	0	5.84	1.87	1.64	12	.0	0		11	4	1
OLNEY 2 S	63.9	43.7	53.8	- 2.4	80	20	27	6	339	0	0	3	0	6.37	2.17	1.84	12	.0	0		11	4	2
PALESTINE	62.3	43.3	52.8	- 2.9	82	12	25	6	364	0	0	4	0	4.76	.64	1.31	11	.0	0		11	3	1
PARIS WATERWORKS	61.2	41.8	51.5	- 2.3	79	12	23	6	399	0	0	4	0	5.85	2.11	1.23	8	.0	0		10	5	2
SALEM	63.8	43.8	53.8		82	20	27	6	338	0	0	3	0	6.21		1.62	11	.0	0		13	3	3
TUSCOLA	61.7	41.7	51.7		75	20+	22	6	394	0	0	4	0	6.92	2.95	2.00	11	.0	0		11	6	2
VANDALIA 2 NW																							
WINDSOR	61.7	41.6	51.7	- 2.1	77	21+	21	6	395	0	0	4	0	6.41	2.38	2.07	11	.0	0		10	4	2
DIVISION			51.9	- 2.8										6.15	2.15			.0					
* * *																							
SOUTHWEST 08																							
ANNA 1 E	65.2M	45.0M	55.1M	- 2.7	80	20	28	6	294	0	0	1	0	7.67	2.97	1.85	23	.0	0		13	6	2
BELLEVILLE SO ILL UNIV	65.1	43.6	54.4		80	20	26	6	321	0	0	4	0			1.74	11	.0	0				3
CAHOKIA	62.0	43.1	52.6		83	21	24	7	370	0	0	5	0	6.08		2.06	12	.0	0		8	4	3
CAIRO WSO CI R	64.7	50.7	57.7	- 2.6	82	20	33	6	225	0	0	0	0	8.89	4.52	2.54	23	.0	0		9	4	4
CARBONDALE SEWAGE PL	63.4	44.7	54.1	- 3.8	81	21	29	6	328	0	0	2	0	8.26	4.05	1.65	24	T	0		14	6	3
CARLYLE RESERVOIR	61.1	43.0	52.1	- 3.8	80	21	26	6	386	0	0	4	0	5.74	1.83	1.68	12	.0	0		7	4	2
DU QUOIN 4 SE	63.2	44.3	53.8	- 3.7	82	20	28	6	339	0	0	2	0	6.10	1.94	1.44	11	.0	0		9	4	3
KASKASKIA R NAV LOCK	62.3	43.7	53.0		79	26+	24	6	355	0	0	2	0	7.21		2.30	12	.0	0		9	5	3
MARION 4 NNE	62.9	43.9	53.4		82	21	29	6	346	0	0	2	0	6.89	2.74	1.91	24	T	0		12	4	2
NASHVILLE 4 NE	63.4	44.7	54.1		80	20	27	6	328	0	0	3	0	6.91	2.76	2.34	12	.0	0		9	5	3
SPARTA	65.3	44.6	55.0	- 2.8	82	20	27	6	300	0	0	2	0	7.06	2.95	2.15	11	T	0		9	5	2
WATERLOO	63.2	42.7	53.0		83	21	27	6	360	0	0	3	0	7.18	3.52	2.07	11	.0	0		8	5	3
DIVISION			54.0	- 3.6										7.09	2.90			T					
* * *																							
SOUTHEAST 09																							
ALBION	64.9	44.3	54.6		80	12	27	6	313	0	0	2	0	6.09	1.74	1.46	12	.0	0		13	2	2
BROOKPORT DAM 52	66.0	47.7	56.9		80	20	30	6	240	0	0	1	0	9.20	4.85	2.39	2	.0	0		10	7	3
DIXON SPRINGS AGR C	67.0	45.8	56.4		81	21+	28	6	267	0	0	1	0	7.62		1.17	12	.0	0		14	8	1
FAIRFIELD RADIO WFIW	63.3	43.5	53.4	- 3.3	79	20+	27	6	349	0	0	2	0	7.86	3.67	1.90	12	.0	0		13	7	2
HARRISBURG	67.3	45.6	56.5	- 2.1	84	20	30	6	263	0	0	1	0	6.71	2.43	1.30	12	.0	0		12	8	1
MC LEANSBORO 2 ENE	62.1	43.6	52.9	- 4.9	80	21	28	7+	362	0	0	2	0	7.46	3.30	1.66	12	.0	0		10	6	3
MT CARMEL	61.8	44.0	52.9		78	21	28	6	361	0	0	2	0	4.55		1.16	12	.0	0		10	4	1
MT VERNON 3 NE	65.6	44.2	54.9	- 1.8	78	21+	27	6	298	0	0	4	0					.0	0				
RENO LAKE DAM	62.9	44.9	53.9		84	21	28	6	333	0	0	2	0	6.99		1.34	24	.0	0		12	5	2
ROSICLARE	66.5	44.4	55.5		84	20	29	6	289	0	0	1	0	6.90	2.54	1.24	8	.0	0		12	5	2
DIVISION			54.8	- 2.8										7.04	2.73			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x NORTHWEST 01																																
ALEDO	3.74	.11	.17						T			.70	.61							.18	.61	.08			.15	.41	.35	.05		.32		
DIXON	3.86		.36	.06		.08			.04	.04			1.00								.06	.04			.09	.12	1.32	.10	.23	.21	.11	
FREEPORT WASTE WTR PLT	3.17		.58	T		.01						.01	.65									.44			T	.38	.78	T	.15	.04	.13	
FULTON DAM 13	2.79		.13	.03		.07	T			.01		.09	.59								.22	.38			T	.22	.56	T	.21	.18	.10	
GALENA 1 N	2.94		.76	T	T	.11	.05			T		T	.14								.04	.33			T	.22	.55	.01	.36	.14	.23	
GALVA	5.78	.01	.22		.07	.03		T		.06	T	.31	1.44				.01				.15	.35		T	.04	.10	2.40	.06	.23	.22	.08	
GENESEO	4.22	.44	.06		.08	.01			.02	T		1.31			.02					.21	.55	T			.33	.66		.23	T	.30		
HENNEPIN POWER PLANT	5.02		.35			.90						x	1.66								.03				.04	.02	1.43	.05	.30	.13	.11	
ILLINOIS CITY DAM 16 //	3.10		.38	T	T					.03		.35	.42			T					.30	.62			.16	.09	.45	T	T	.19	.11	
KEITHSBURG	3.58		.39	.01	.01	T		T		.03		.37	.92			T				T	.18	.36	T	.19		.04	.83	.02	T	.21	.02	
KEWANEE 1 E	5.44	T	.12	.02	.03	T			T	.03		.28	1.24			T					.13	.25	T		T	.09	2.38	.30	.19	.30	.08	
MOLINE WSO AP R	4.01	.39	.07		.01	T		T	.04	T		1.12			.03					.32	.77	T			.25	.56		.18	T	.27		
MORRISON	3.37		.66	T		.01			.04			.13	.81								T	.58				.05	.37	.08	.23	.41		
MOUNT CARROLL	3.93		.56	.02		.01	T					.04	.53								.14	.41			.07	.27	1.24	.02	.30	.12	.20	
NEW BOSTON DAM 17	3.38		.42	.05	.07	.02						.36	67	T		T						.72			T		.83	T	T	.17	.07	
PAW PAW	6.20		.55			.09			.02	.10		.35	1.16	.05							.05				.15	.42	2.39		.35	.30	.22	
ROCHELLE	4.11	.50	.42			.08				.06		.22	.86												.10	.06	.80		.41	.30	.30	
ROCKFORD 6 ENE	4.31	.04	T	T		.04		T	.02		T	T	.98									.13			T	.25	1.94	T	.52	T	.39	
ROCKFORD WSO AP //R	5.20	.27	.12		.03	.03		.01	.01	T		1.01	T							T	.10	T			.25	2.17	.12	.65	.04	.39	T	
STOCKTON 1 N	3.34	T	.38			.06	.02		.04			T	.33								.01	.53			T	.38	.58	.02	.68	.10	.21	
TISKILWA 2 SE	–	.17	.22		.10	T	T	T	.08			.65	.95		T				.01		–	–			.26	.46	1.50	.25	.14	.27	.02	
WALNUT	4.49	.11	.14		T	T		T	.10	T		.39	.93		T					T	.14				.12	.16	1.25	.38	.18	.51	.08	
x x x NORTHEAST 02																																
ANTIOCH 2 NW	6.26	.01	.34	.03			.05		.06	T		T	1.29	.04								.07	T			.46	2.70	T	.88	T	.33	
AURORA	6.06	.03	.58	.01		.04			.17	.24		.24	1.86	.02		T					T	.05	T		.07	.36	1.27	.01	.54	.01	.56	
BARRINGTON	5.07	T	.58			.04			.03	.19		.12	1.63	T					T			T			.04	.43	1.14		.46	.02	.39	
CHANNAHON DRESDEN ISL	5.38		.18			.05				.17		.50	2.18	.03							.09	.07			.14	.42	.82		.35	.07	.31	
CHICAGO O'HARE WSO AP R	4.92	.06	.46		.02	.01		T	.44	.01		1.75	.12	T							.05	.02			.21	.18	.88	.44	T	.27	T	
CHICAGO UNIVERSITY //	4.61	.01	.45	.01		.05	.02		.06	.22		.40	1.18								.01	.06	.02		.50	.27	.75	.05	.30	.17	.08	
CHICAGO MIDWAY WSO AP //R	5.01	.11	.17		.02	T		T	.29	T		2.26	T		T						T	.01		T	.38	.24	.84	.44	T	.25		
DE KALB	5.07	.51	.08		.12				.15	.13		x	1.44		.06						.12	.01	.01		.38	x	1.21	.47		.38		
ELGIN	5.94	.01	.52	.01		.04			.06	.10		.10	1.23	.05								.02			.60	.51	1.61	.01	.66	x	.41	
GEBHARD WOODS ST PARK	5.71	T	.39			.17	T			T		.53	2.10								.07	.09	T		.08	.39	1.10	T	.39	.11	.29	
JOLIET BRANDON RD DAM	5.78		.14			.03	T		T	.25		.65	2.20	.02							.04	.05	.02		.11	.47	.94	T	.44	.09	.33	
MARENGO	6.42	T	.37			T		T	T			T	1.35									T			.30	.40	2.30	.58	.62	.35	.15	
MARSEILLES LOCK	4.87		.33			.12	T			.07		.42	1.57	T		T					.02	.06			.06	.43	.99		.48	.05	27	
MC HENRY LOCK AND DAM	4.60	T	.33	T	T	T	T		.01	T		.07	1.23	.13							T	T	T		.04	.37	1.25	T	.75	.01	.41	
MORRIS	5.73	T	.18	T		.13	T			.12		.46	2.42	T		T					.10	.03	.02		.06	.49	.91	T	.42	.02	.37	
OTTAWA	5.37	.10	.64		.09				.11	.06		.56	1.37									.08			19	.30	.92	.48	.03	.36	.08	
PARK FOREST	5.19		.47		T	.03			.15	.10	T		1.19								T	.44	.06		.15	.63	1.12	T	.46	.05	.34	
PEOTONE	6.35		.71			.05			T	.24	.02	.50	1.53	T							T	.35	.02		.16	.93	.97	.04	.30	.23	.30	
PERU 2 W	5.51	.30	.10		.11	T	T	.10	.10			.73	1.10									.08		T	.23	.21	1.01	.90	.10	.25	.19	
STREATOR 2 ENE	5.49	.06	.25		.16	.02			.06	.02		.75	1.38		.02					T	.03	.07		T	.12	.81	.95	.31	.12	.34	.02	
UTICA STARVED ROCK DAM	5.33		.54		T	.11	T			.09		.40	1.49			T					.06	.13			.05	.49	1.05	.02	.46	.10	.34	
WAUKEGAN	5.30	.01	.53	T		.02	.03		.02	T		.07	1.56	.03								.11	.01			.36	1.23	.01	.98	.05	.28	
WHEATON 3 SE	4.98		.17			.05	.05		.08			.23	2.01									.04			.08	.27	.87			.77	.36	
x x x WEST 03																																
AVON 5 NE	5.30	T	.22		.08	.10					T	.65	1.61								.19	.37			.03	.13	1.57	T	T	.20	.15	
BENTLEY 1 E	4.41	.13	.06		.09				.02			1.80	.27				.04	T		.15	.90	.02			.26	.01	.49	.02		.15		
CANTON 1 ESE	4.65	.21	.03		.10			T	.22	T		1.42	.84							T		.20		T	.22	.10	1.00	T		.31		
GALESBURG	5.08		.20		T	.06		T	T	.05		.43	1.39			T					.16	.60			.07	.26	1.56	.02	.10	.13	.05	
GLADSTONE DAM 18	3.87		.27	.02	.02	T				.03		.49	1.14							T	.38	.54			.11	T	.57	.04	.02	.14	.10	
GOLDEN 1 NW	3.81	.04	.10		.11							1.71	.33				.10	T		.11	.76				.12		.36	.02		.05		
LA HARPE	4.53	T	.26		.10		T			.10		.66	1.33	.02				T		.04	.24	.71			.06	.08	.66	.05		.22		
MACOMB	4.84		.28	T	.10	.09		T		.06	T	.72	1.47								.07	.77			.03	.10	1.00	T	.06	.09	T	
MONMOUTH	4 63	.14	.15		.10				.02			1.00	.82							T	.90	.19			.09	.33	.59	.10		.20		
MOUNT STERLING	4.22				.30							1.03	1.80							.12	.30	.09		.03	.06		.49					
PAYSON	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
QUINCY FAA AP	4.43	.16	.02		.10			T	.09	T	.13	2.17			T		.14			.08	.53			.07	.19	.69		.01		.05		
QUINCY DAM 21 //	5.33		.28		.04	T				.12		1.31	1.22				.03	.01		T	.08	1.27			.03	.19	.70		.02	.03		
QUINCY MEMORIAL BRIDGE	5.15		.21		.04	T				.08	T	1.29	1.31			T	.03	.05	T		.06	1.33			.04	.19	.47	T	T	.04	T	
RUSHVILLE	4.43	.13	.03		.20				.08			1.74	.62							.05	.23	.21			.11	.14	.84	.05		T		
x x x CENTRAL 04																																
BLOOMINGTON WATERWORKS	7.13	T	.07		T	.23				.14		.73	3.73							T	T	.12		T	.66	.58	.47	.05	.16	.09	.10	
CHENOA	5.86	.10	T		.18			T	.18			2.09	1.41		T					T	T				.50	.31	.60	.07		.42		
CHILLICOTHE	4.31	.03	.25			.10		T		.07		.68	1.28									.17			T	.20	.92	.02	.30	.26	.03	
CLINTON 1 SSW	7.88		.25	T	T	.14		T		.45		.94	3.50	.08							T	.30	.16		.63	.37	.78	.01	.12		.15	
DECATUR	–	.22		.01	.05	.13		T		.25		1.30	3.58	.03		.01					.07	.04	.10	T	1.09	.22	.54		.14	–	–	
FARMER CITY	7.13		.27			.22						1.03	2.71	.14								.12	.18		.77	.57	.83		.14		.15	
HAVANA 4 NNE	4.18	T	.16	.02	T	.02		T		.13	T	.78	1.53					T			T	.24			.03	.17	.82	T	.14	.08	.06	
LACON 2 E	4.93	.08	.40	.02	.12	.02	T	T	T	.05		.83	1.12		.02					.02		.02	T	T	.15	.11	1.21	.33	.08	.33	.02	
LINCOLN	7.66		.10		.03	.33				46		.66	3.91								.01	.18	.10		.65	.40	.68		.13		.02	
MACKINAW	5.03	.06	.24		.15				.17			1.80	1.06							.02	.04	T			.13	.16	.74	.17	.10	.19		
MASON CITY 1 NW	4.94	.03	.07		.15				.15			2.39	.57		T							.05			.39	.18	.74	.10		.12		
MINONK	–	.25	.20			–		T		.10		1.10	1.90									.10			T	.60	1.10	T	T	.50	.20	
MOUNT PULASKI	10.84	.01	.07	.01	.13	.11		.01	.01	1.25	.02	1.18	3.31	.02	T	.01						1.80	.20		.86	.35	.57	.60	.13	.12	.07	
NORMAL	6.71	.02	.04		.16	.05		T	.09	.05		1.25	2.84							T	.03	.05		T	.85	.42	.48	.15	.03	.05	.05	
PEORIA WSO AP //R	4.48	.23	.02		.02			T	.09	T		1.95			T					.02	.01	.10		.02	.13	1.44	.10	.20	T	.15		
PETERSBURG 3 SSW	4.97		.14			.22				.34		.67	2.44								.03	.12			.08	.18	.55		.08	T	.12	
PRINCEVILLE	5.52	.10	.30		.09			T	T			1.35	.83		T					T	.08	.20	T	T	.10	1.25	.59	.27	.05	.31		
x x x EAST 05																																
DANVILLE	6.21	.06	.05		.40	.07		.02	1.05	.23		1.54	.68	.50	.03							.02		.05	.54	.24	.45	.25		.02	.01	
DANVILLE SEWAGE PLANT	5.66		.10		.06	.33				1.23		.62	1.47	.42	T	.01							.01		.43	.27	.37	.05	.27	T	.02	
GIBSON CITY 1 E	7.46		.43	T		.34		T	.02	.34		.83	2.22	.02		T					T		.22		.80	.99	.80	T	.17	.06	.22	
HOOPESTON 1 NE	5.46		.12	T	T	.30	T		T	.43	T	.72	1.49	.22		.03					T	T	.08		.52	.28	.90	.08	.21	T	.08	
KANKAKEE WTR POLL CTR	5.27	.14	.31			.08	T		.12	.23		.53	1.54			.02					.05		.16		.10	.72	.65	T	.26	.24	.12	
MONTICELLO 2	–	.03	.19			–				.38		1.25	3.00										.17		1.28	.68	.60	.04	.03	.06	.05	
PIPER CITY 3 SE	5.16	T	.37	T		.20	T		T	.07	T	.56	1.46	T		T					T	.05	.07		.28	.82	.91		.24	.02	.11	
PONTIAC	6.17		.34	T		.17	T		T	.15		.60	2.67								.01	.04	T		.19	.52	.87		.37	.07	.17	
RANTOUL	6.94		.17			.38		T		.43		.80	2.20	.20									.05		1.25	.50	.75		.15		.06	
SIDELL	4.79		.06		.25	.14				.38		.56	1.26	.66								T			.33	.47	.40		.22	.01	.05	
URBANA	6.47	.10	.02		.35	T		T	.43	T		2.84	.09		.02					T	T	.12		.04	1.62	.04	.60	.20	T	T		
WATSEKA 2 NW	7.14	.02	.43	.03	T	.34			.02	.12		.71	1.57	.07	T	T					.03	T	T		.75	1.34	1.18	.02	.29	T	.22	
x x x WEST SOUTHWEST 06																																
ALTON DAM 26	6.49	.09	.13		.18	.02				.23		1.38	2.97				T	T	.10		T	.08	.03		.84	.03	.41			T		
BEARDSTOWN	4.51		.12	.12	.12	.13		T		.33		.66	2.27									.23				.05	.40			.08		
BLUFFS	6.23		.05		.33				.35			4.02	.42				.05					.15		.02	.16		.63	.02		.03		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
APRIL 1979

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	7.92	.06	.03		.26				.14	T		4.14	.61				.01			T		.11		.08	1.24	.06	1.16	.02		T		
EDWARDSVILLE 1 NE	6.37	.05	.20		.25	.13				.41		.70	2.81					.01					T		1.08	.09	.64					
GRAFTON	6.91	T	T		.40							1.60	2.70				T	T	.10		.01	.16			.70	.18	1.06					
GREENVILLE 1 E	6.85	.17	.13		.08	.23				.37		.60	2.72	.06									.02		1.04	.48	.92			.03		
GRIGGSVILLE	7.31		.06		.23	.05	T			.46		.94	3.19			T	T	.07			T	.24			.14	.61	1.30		.01		.01	
HILLSBORO	10.27	T	.60		.25	T				.26	T	2.15	3.94								.03	.01		.10	1.10	.45	1.18		.15	.05		
JACKSONVILLE 2 E	5.23		.03		.07	.17				.54		.69	2.86									.17	T		.08	.03	.48		.09		.02	
JERSEYVILLE 2 SW	7.63	.07	.03		.48	T				.02		1.88	2.42				.01	.05	T	T	.02	.23	T		.68	.03	1.71		T		T	
KINCAID	8.32		.10		T	.05				.22		1.30	4.00								.04	.07			1.27	.32	.92		.03		T	
MEDORA	6.27	.17			.47				.11			4.00	.88	.31			.03	.01			.01	.12		T	.74	.06	1.34	T		.02		
MOUNT OLIVE 1 E	7.28		.44		.15	.33				.19		.95	2.81									.11			1.07	.13	1.06		.05			
PANA	7.43	.01	.27		.04	.28	T			.59	T	.84	2.96	.06	T						T	T	T		1.14	.18	.96		.10	T	T	
SPRINGFIELD WSO AP R	7.17	.06	T		.31			T	.46	T	T	4.45	T		T					T	.12	.26		.01	.87	.11	.43	.08		.01		
VIRDEN 1 N	7.43	T	T		.08	.17				.08		1.46	3.20									.34	.05	T	1.10	.25	.63		.05		.02	
VIRGINIA	4.73	.03	.07		.32				.20			2.30	.48		T						.50	.16			.13		.48	.04		T		
WHITE HALL 1 E	4.95	.05			.27				.13			2.50	.50		T		.05					.42		.03	.11	.06	.80	T	.03			
* * *																																
EAST SOUTHEAST 07																																
CHARLESTON	5.75	.14	.09		.10	.21	.04			.73		.54	1.74	.25	.01	T						T			.28	.84	.56	.22			T	
CLAY CITY 6 SSE	6.60	.03	.52		.16				1.00	.53		.31	1.64	.07											1.00	.68	.51	.15				
DIONA 3 SW	5.19		.24			.24				.85		.29	1.94												.53	.40	.51		.19			
EFFINGHAM 3 W	6.10	.03	.27	T	.03	.34	T			.57	T	.60	2.02	.27	T	T					T	T	.04		.81	.46	.48		.18			
FLORA 5 NW	4.93	.20	.13		.22				.28	.15		.93	1.16	.17										.25	.94	.02	.34	.14		T		
GREENUP	6.05	T	.42		.03	.42	.01		.08	.92			2.06	.12							T				.58	.46	.74		.19		T	
HUTSONVILLE POWER PL	5.31		.31		.15	.33	T	.03	T	1.12	.09	.43	1.37	.02	.03										.56	.26	.44	.02	.15		T	
LAWRENCEVILLE	5.42	.01	.86		.34	.10			.22	.40		.33	1.53										.11	T	.68	.23	.23	T	.25		.03	
MATTOON	6.00	.20	.05		.36	.01			.40	T		2.75	.23	T							T	.02		.25	.78	.02	.70	.23				
MOWEAQUA	8.67	T	T		.30	T		T	1.70	T		2.48	1.88	.12		T			T		T	.16		.06	.90	.14	.82	.11				
NEWTON 6 SSE	5.84		.36		.22	.14			.43	.78		.28	1.64	.08	.03										.61	.87	.18		.22			
OLNEY 2 S	6.37	.39	.19		.22				.89			.53	1.84	.07										.27	1.25	.47	.10	.15				
PALESTINE	4.76	.36	.12		.41	.02			.73	.06		1.31	.40	.14	.07						T			.19	.63	.11	.03	.18		T		
PARIS WATERWORKS	5.85	.22	.06		.47	.03		.02	1.23	.04		1.04	.87	.19							.02	.03		.13	.55	.07	.35	.51		T	.02	
SAINTE MARIE	5.67		.33		.17	.17			.53	.55		.31	1.53	.08											.92	.70	.16		.22			
SALEM	6.21	.15	.10		.22				.31	.10		1.62	1.15	.45	T		T					.04		.20	1.13	.13	.49	.12				
TUSCOLA	6.92	.21	.06		.52	.02			.77			2.00	.80	.15	T						T	.10		.08	1.07	.12	.67	.20		.08	.07	
VANDALIA 2 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINDSOR	6.41	.23	.06		.39	.01			.32	.04		2.07	1.05	.15						T	T	T		.14	.98	.09	.66	.21		.01	T	
* * *																																
SOUTHWEST 08																																
ANNA 1 E	7.67	.75	.40		.24				.80	.18		.26	1.35	.20			.05					.12	T	1.85	.57		.65	.15				
BELLEVILLE SO ILL UNIV	-	T	.03		.19				-	.17		1.74	.79	-			T	T						.14	1.19	T	1.29					
CAHOKIA	6.08	.24	.13		.45	T	T		T	.17		1.16	2.06	T			.01	.03	T	T	T	.06		T	1.21	T	.56		T	T		
CAIRO WSO CI R	8.89	2.23	T	.02	.32				1.82		.10	1.16		.08			.04						.12	2.54	.14	.23			.09			
CARBONDALE SEWAGE PL	8.26	.32	.70		.14	.02		T	.32	.61		1.14	1.43	.27	.04			.10					.02	.19	1.65	.88	.28		.15			
CARLYLE RESERVOIR	5.74	.09	.08		.09	.02				.40	T	.86	1.68	.28			T						.03	T	1.05	.32	.69		.03			
CENTRALIA	7.80		.34		.26	.04	T			.63		.84	2.76	.38	.07	.04		T					T		1.34	.37	.52		.11			
CHESTER	6.90	.13	.20		.17					.35		1.05	1.82	.30			.07	.12				T	.07	.22	1.43	.15	.80		.02			
DU QUOIN 4 SE	6.10	.49			.19				1.04		.10	1.44	.18	.08			.04					.05	.05	1.38	.65		.32	.09				
GRAND TOWER 2 N	7.16	*	.68		.23	.03				.59		.92	1.29	.15	.05			.07						.11	2.26	.44	.22		.12			
KASKASKIA R NAV LOCK	7.21	.12	.30		.08					.23		1.29	2.30	.60				.08				.06		.18	1.41		.56					
MARION 4 NNE	6.89	.37	.85		.21	.03		T	.20	.84		.36	1.29	.15	.06			.03						.11	1.91	.22	.06	T	.18			
NASHVILLE 4 NE	6.91		.65		.20					.18		1.20	2.34	.14				.01						.02	1.20	.51	.46	T				
PRAIRIE DU ROCHER 1WSW	7.08	.13	.17		.07	.05				.10		.90	2.41	.33	T			.09				.01	.02	.08	2.00	.02	.70					
RED BUD 5 SE	7.12		.50		.12	T	T			.15		.92	2.42	.19				.08				T	T	.02	1.72	.04	.86				T	
SPARTA	7.06	.16	.14		.09		T		.50	.03		2.15	1.54	.31			.07					.05	.01	.49	.90		.59	.03				
WATERLOO	7.18	.27	.13	.01	.25					.57		2.07	1.27				T	.09						.06	1.55	.01	.90					
* * *																																
SOUTHEAST 09																																
ALBION	6.09	.40	.45		.47				.30	.49		.35	1.46	.13										.29	1.30	.12	.10	.23				
BENTON FOREST SERVICE	7.68	.34	.33		.17	.01			1.05	.83		1.00	1.39	.19	.05								.09	.04	1.33	.44	.26		.16			
BROOKPORT DAM 52	9.20	1.48	2.39		.80	T				1.71		.04	.97	T	.10			.03					.14	.03	.58	.62	.17	.09	.05			
CARMI 6 NW	6.70	.26	.64		.35	.08			.71	.70		.18	1.42	.05	.07								.12	T	1.42	.49	.09	T	.12			
DIXON SPRINGS AGR C	7.62	.91	.87		.53				.47	.60		.22	1.17	.13			.06					.05	.10	.76	.75	.60	.20	.20				
FAIRFIELD RADIO WFIW	7.86	.51	.33		.29		T		.84	.50		.42	1.90	.16								.01	T	.50	1.48	.53	.11	.18				
GOLCONDA DAM 51	7.73	.85	1.78	.03	.63	T				1.46		.14	1.05	.05	.03			.05				.05	.05	.12	.35	.70	.14		.15			
HARRISBURG	6.71	.61	.50		.42	.02			.55	.53		.56	1.30	.25			T					.08	.04	.91	.52	.27	.03	.12				
HARRISBURG DISPOSAL PL	6.88	.26	.98		.40				.14	1.02	T	.47	1.31	.12	.08			T					.06	.04	1.25	.22	.38		.15			
MC LEANSBORO 2 ENE	7.46	1.08	.43	T	.22	.02	T		.57	.76	.02	.49	1.66	.08									.07	.05	1.15	.57	.07	.08	.14			
MT CARMEL	4.55	.10	.71	.01	.39	T			T	.75	T	.22	1.16		.15								T	T	.52	.30	.07		.17	T		
MT VERNON 3 NE	-	.21	.24						*	.50		*	2.30	T	.30		T					T	T	T	1.16	.27	.16	.08	.06			
REND LAKE DAM	6.99	.31	.31		.16	.02			.84	.85		.86	1.25	.16	.10			T	T				.05	.02	1.34	.46	.05		.11			
ROSICLARE	6.90	.98	.88		.66				1.24	.36		.15	1.05	.23			.03					.04	T	.46	.42	.30	T	.10				
SHAWNEETOWN NEW TOWN	6.61	.59	1.43	.10	.54	T			.10	1.46		.08	.88	.10	T			T					.14	.31	.25	.41	.04	T	.18			
WAYNE CITY 1 N	6.23	.40	.28		.17				.88	.41		.47	1.62												1.42	.40	.07		.11			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
ALEDO	MAX	41	39	49	49	56	38	52	52	40	39	48	72	69	59	61	67	69	68	63	74	62	66	70	67	72	64	55	56	53	54		57.5
	MIN	30	32	27	35	28	18	29	39	32	32	37	45	39	38	34	39	43	45	47	52	42	40	46	57	61	40	41	38	40	35		38.7
DIXON	MAX	41	36	37	50	41	52	37	42	46	39	48	58	73	59	59	60	65	65	65	57	70	62	69	62	65	72	58	45	55	50		54.6
	MIN	29	33	29	34	33	17	18	30	32	25	35	37	39	37	35	35	37	39	42	49	50	38	45	57	58	45	40	35	38	36		36.9
FREEPORT WASTE WTR PLT	MAX	40	38	37	47	45	47	36	41	42	39	47	56	72	56	55	60	64	65	64	58	68	65	70	74	66	68	59	45	53	46		54.1
	MIN	30	28	27	30	34	15	17	29	30	23	30	37	38	37	38	31	32	35	39	49	47	39	41	52	56	43	40	33	38	35		35.1
FULTON DAM 13	MAX	40	38	38	47	46	47	36	44	43	38	47	55	69	54	53	58	63	64	66	57	67	64	66	70	66	67	55	49	53	49		53.6
	MIN	31	28	30	30	30	18	19	32	33	29	30	40	41	40	35	37	39	41	43	44	48	44	44	49	58	45	44	39	39	37		37.2
GALVA	MAX	41	39	39	49	43	55	38	50	50	37	48	57	72	57	58	59	65	66	66	56	63	64	66	70	64	75	57	45	52	54		55.2
	MIN	30	31	27	30	34	17	22	35	31	29	34	39	38	38	33	38	39	43	43	49	46	43	46	51	59	42	41	35	37	34		37.1
GENESEO	MAX	40	40	47	46	54	37	50	48	40	48	47	73	58	57	60	65	66	66	56	73	62	68	70	67	72	57	48	51	52	51		55.6
	MIN	31	32	27	36	21	19	30	36	31	29	36	45	39	39	36	38	39	42	43	52	48	42	46	55	47	43	38	38	41	37		37.9
HENNEPIN POWER PLANT	MAX	42	42	40	52	44	55	38	40	41	39	49	60	75	57	58	58	66	65	66	60	76	58	70	71	67	73	58	47	54	56		55.9
	MIN	32	35	30	36	34	19	22	32	32	26	36	39	42	41	37	35	36	38	42	49	50	44	44	57	60	46	43	35	39	38		38.3
KEWANEE 1 E	MAX	41	40	38	48	48	56	37	48	50	38	47	62	71	56	57	59	64	64	64	62	75	60	66	70	65	74	56	46	52	54		55.6
	MIN	30	28	27	35	34	7	24	29	31	25	27	36	38	39	35	32	34	37	41	51	47	36	40	50	58	42	40	35	39	36		35.4
MOLINE WSO AP	MAX	39	40	48	51	56	39	53	49	40	50	50	73	58	59	61	67	68	67	56	74	63	69	70	68	71	59	49	54	53	52		56.9
	MIN	32	32	26	37	22	18	29	36	33	30	38	46	39	37	37	34	39	45	46	52	48	40	44	57	48	40	39	37	41	36		37.9
MORRISON	MAX	42	38	47	47	51	46	37	45	47	38	49	61	70	55	56	64	65	66	65	68	68	63	70	70	70	66	56	44	52	50		55.5
	MIN	30	31	26	35	35	12	22	35	32	27	36	41	38	38	33	32	34	41	41	50	48	39	41	56	60	43	39	35	39	35		36.8
MOUNT CARROLL	MAX	40	37	37	47	47	48	35	43	44	38	48	59	72	55	54	59	64	66	65	57	63	64	68	71	66	68	56	47	53	47		53.9
	MIN	28	30	22	33	32	15	18	30	31	20	33	38	35	30	31	28	30	34	40	46	47	38	37	52	58	42	38	34	38	34		34.1
PAW PAW	MAX	37	38	37	37	39	54	36	41	45	38	46	54	72	55	55	59	62	62	62	63	72	59	67	73	67	71	56	44	54	51		53.5
	MIN	30	30	28	28	26	16	15	16	30	28	26	30	39	38	30	30	33	38	38	45	50	39	40	46	55	44	42	32	36	35		33.8
ROCHELLE	MAX	42	40	36	47	39	50	35	40	42	39	47	55	70	55	55	57	60	62	62	62	70	59	67	67	59	67	52	44	48	43		52.4
	MIN	27	32	27	31	33	17	17	20	31	25	30	36	39	35	35	32	35	37	40	44	45	40	41	48	40	43	40	33	37	34		34.1
ROCKFORD WSO AP	MAX	37	34	44	41	47	33	39	41	40	45	40	72	55	55	57	61	62	64	62	68	60	70	74	64	70	56	43	52	45	47		52.6
	MIN	28	30	24	31	17	13	21	31	23	19	31	40	35	34	35	29	31	33	37	50	40	39	43	57	48	40	34	33	35	33		33.1
STOCKTON 1 N	MAX	36	36	46	47	44	43	41	40	46	36		57	69	53	52	59	63	65	65	56	62	64	69	72	65	66	61	50	52	45		53.8
	MIN	28	28	24	31	33	11	17	30	29	22	31	30	36	33	34	29	29	30	38	47	46	42	38	48	55	41	39	33	38	33		33.4
TISKILWA 2 SE	MAX	40	38	50	47	57	37	47	48	38	48	45	73	66	58	59	64	63	60		75		68	70	68	74	64	53	54	55	55		56.2
	MIN	30	33	28	34	29	18	25	37	32	25	37	43	41	40	36	34	36	42	40			40	42	57	60		40	34	39	37		36.6
WALNUT	MAX	39	37	47	45	55	36	43	47	38	47	45	72	67	57	59	64	63	65	63	71	63	67	71	69	73	65	54	51	51	48		55.7
	MIN	31	33	25	35	28	18	26	35	32	29	36	42	39	39	34	37	39	42	41	50	48	38	50	57	60	44	39	33	40	35		37.9
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	38	37	36	49	42	48	32	37	38	39	44	53	71	57	58	52	57	62	58	68	65	56	69	72	61	71	56	41	49	43		52.0
	MIN	29	32	25	25	32	13	14	25	30	23	23	34	40	37	36	32	31	32	31	31	49	40	40	45	53	45	35	32	33	37		32.8
AURORA	MAX	39	37	50	43	53	36	39	48	40	49	47	73	57	56	55	58	62	62	66	70	60	66	73	67	73	57	45	52	50	48		54.4
	MIN	32	34	26	34	35	17	19	32	30	26	35	45	42	40	40	32	34	36	36	50	46	42	45	55	50	40	35	34	34	37		36.4
BARRINGTON	MAX	38	37	36	49	42	50	35	39	40	39	44	58	72	56	56	58	57	60	59	66	68	55	68	74	63	71	55	43	48	45		52.7
	MIN	35	32	25	31	34	9	18	29	30	24	31	34	42	40	41	30	31	32	34	47	50	40	43	54	56	45	37	33	35	38		35.3
CHICAGO O'HARE WSO AP	MAX	39	37	48	43	55	36	40	46	40	45	45	77	60	58	56	58	56	58	68	69	63	69	75	65	73	65	47	50	48	47		54.5
	MIN	34	32	29	34	19	19	24	29	26	26	35	45	41	42	36	33	32	35	37	54	42	42	42	55	61	42	37	36	37	35		36.4
CHICAGO UNIVERSITY	MAX	40	38	45	47	54	57	37	45	39	42	42	72	76	56	58	54	54	55	63	67	67	65	63	65	67	73	51	45	47	48		54.4
	MIN	33	35	31	35	35	18	28	34	32	32	35	38	46	46	42	39	40	39	38	47	51	42	46	51	61	45	40	36	35	40		39.0
CHICAGO MIDWAY WSO AP	MAX	37	36	44	40	54	33	36	46	37	42	42	73	55	57	52	55	55	55	67	65	62	69	71	65	71	64	45	46	48	45		52.2
	MIN	33	33	29	33	18	16	26	31	30	27	35	42	42	42	39	33	39	39	37	53	44	43	44	58	61	41	35	34	35	34		36.9
DE KALB	MAX	38	36	46	46	49	44	38	44	38	46	46	69	63	54	57	61	62	61	62	68	68	66	69	69	69	67	55	51	46	46		54.5
	MIN	32	33	27	34	35	18	23	36	31	22	34	39	42	39	39	32	35	37	39	50	50	41	45	58	47	43	41	34	39	37		37.1
ELGIN	MAX	38	37	35	50	41	51	34	39	43	38	45	57	73	55	56	54	57	61	59	71	68	55	67	74	63	72	56	45	51	46		53.0
	MIN	29	32	27	29	32	11	15	28	29	25	30	34	40	38	38	33	34	35	35	42	49	38	40	52	55	44	37	32	35	36		34.5
GEBHARD WOODS ST PARK	MAX	42	42	38	51	44	54	37	45	49	38	49	60	72			59	61	64	64	64	69	59	68	73	66	74	58	49	51	54		55.5
	MIN	30	37	35	37	35	17	20	30	31	26	33	39	49			43	44	32	35	45	49	44	47	60	61	46	47	35	37	41		38.8
JOLIET BRANDON RD DAM	MAX	42	42	38	50	47	57	36	41	49	37	47	60	74	57	58	55	60	63	66	69	59	67	72	67	74	67	48	52	53			55.4
	MIN	34	35	26	33	37	18	18	30	31	27	32	36	42	40	38	32	35	36	44	48	40	42	53	52	55	39	33	37	35			36.5
MARENGO	MAX	37	36	50	45	48	38	40	40	38	48	44	73	66	58	55	58	63	65	66	68	67	70	77	70	72	59	59	50	48	45		55.1
	MIN	30	32	24	31	34	8	18	31	29	21	29	35	37	36	39	30	32	32	32	48	50	40	46	52	49	43	35	32	34	37		34.2
OTTAWA	MAX	42	41	53	49	58	40	43	50	40	48	48	75	60		60	64	65	65	65	74	72	69	73	67	77	69	57	57	55	55		58.3
	MIN	34	37	29	37	36	20	28	38	34	27	38	45	44		36	34	37	37	41	53	52	47	48	59	62	48	44	35	42	39		40.0
PARK FOREST	MAX	42	39	37	46	41	54	39	40	38	41	41	60	73	54	52	49	58	53	53	60	64	57	70	69	67	67	50	46	43	44		51.6
	MIN	33	36	25	30	33	17	21	30	29	25	33	38	42	40	39	31	33	32	34	50	51	40	44	52	57	47	37	35	34	37		36.2
PERU 2 W	MAX	50	40	50	48	57	36	45	45	43	50	56	75	70	68	58	64	65	65	63	74	71	70	72	68	75	68	58	55	55	53		58.9
	MIN	31	31	28	34	31	18	26	30	26	29	35	43	44	41	38	32	40	36	43	48	46	44	43	53	60	45	34	34	41	37		37.4
WAUKEGAN	MAX	37	35	35	41	41	50	34	34	39	39	39	48	74	56	56	51	54	54	53	60	61	57	59	63	61	72	54	41	43	44		49.5
	MIN	30	32	27	25	33	14	12	24	29	23	23	33	42	39	37	33	32	34	34	33	41	37	41	42	49	44	37	32	33	36		32.7
WHEATON 3 SE	MAX	38	38	51	45	55	44	40	49	39	48	45	75	68	56	58	60	62	63	68	68	68	69	71	70	74	62	52	52	51	50		56.3
	MIN	32	34	24	33	34	16	18	35	30	22	33	40	42	36	41	28	29	30	32	50	49	42	38	53	61	46	35	33	32	38		35.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
APRIL 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	40	38	49	44	57	38	54	53	38	48	51	72	58	59	61	65	66	65	56	76	55	65	69	66	75	58	47	52	55	53		56.1
	MIN	30	31	26	35	21	18	29	35	32	31	35	44	38	42	40	35	43	45	51	49	46	40	49	52	45	37	36	36	35	42		37.6
GOLDEN 1 NW	MAX	43	41	49	45	61	36	63	60	40	42	53	71	65	63	63	64	67	66	61	82	60	65	67	67	79	74	57	57	66	59		59.5
	MIN	33	35	28	36	33	22	32	40	33	34	39	51	39	43	37	42	43	47	51	54	40	48	40	58	49	42	43	34	43	37		40.2
LA HARPE	MAX	44	41	50	47	60	38	61	59	40	50	51	72	60	63	63	70	68	66	61	79	63	65	71	68	75	66	55	59	60	58		59.4
	MIN	33	34	26	36	26	19	29	38	33	31	39	42	36	36	35	39	43	45	49	53	47	41	48	58	61	41	46	45	42	37		39.6
MONMOUTH	MAX	40	40	50	45	59	40	55	54	40	50	47	72	64	59	61	66	69	67	59	77	61	66	71	66	75	64	53	55	55	56		57.9
	MIN	31	33	26	35	33	19	29	39	33	32	38	45	38	38	35	40	41	45	47	50	47	40	46	58	60	42	41	35	41	35		39.1
QUINCY FAA AP	MAX	42	41	49	45	62	37	64	61	41	49	57	70	60	62	64	62	66	67	66	81	61	62	67	68	78	59	52	56	60	59		58.9
	MIN	36	33	30	38	27	25	33	39	36	37	41	49	41	49	42	45	48	51	53	56	48	42	49	60	49	45	41	35	44	40		42.1
QUINCY DAM 21	MAX	44	40	42	48	48	61	41	66	61	43	50	61	71	61	62	63	65	68	68	68	82	62	64	67	68	79	61	52	58	60		59.5
	MIN	38	39	33	33	40	24	24	34	35	36	37	41	41	42	42	44	48	51	51	53	49	45	47	53	59	43	43	37	39	42		41.4
RUSHVILLE	MAX	42	43	49	46	62			59	42	47	52	73	61	61	61	63	65	65	63	79	62	62	68	66	78	72	57	56	61	58		59.8
	MIN	33	36	27	36	33			40	34	31	39	49	38	44	38	40	44	47	52	54	47	47	47	58	60	44	42	33	43	36		41.9
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	42	40	48	46	58	36	47	57	40	44	48	73	69	59	57	61	63	64	62	76	72	73	70	67	76	68	52	53	54	52		57.6
	MIN	32	37	21	32	32	19	26	38	31	24	37	46	41	40	36	33	34	36	39	50	51	48	49	57	60	45	40	35	38	36		38.1
DECATUR	MAX	43	50	56	46	65	41	61	64	44	47	50	78	66	64	62	66	69	69	65	80	68	72	71	67	77	68	55	55				61.4
	MIN	35	37	27	37	33	21	30	41	34	26	37	48	43	41	41	39	40	42	47	51	49	44	50	58	61	46	39	37				40.5
FARMER CITY	MAX	46	45	49		61	50	53	64	38	45	49	74	68	69	60	66	63	65	64	75	67	67	68	66	73	69	52	53	58	57		59.8
	MIN	33	36	28		33	20	28	38	32	27	38	46	38	42	37	36	38	40	44	52	52	50	51	58	60	46	40	35	39	37		39.8
HAVANA 4 NNE	MAX	43	43	40	51	43	60	41	59	56	41	51	59	77	59	63	63	64	68	67	62	81	54	67	70	67	77	58	48	56	60		58.3
	MIN	33	34	29	35	32	21	24	35	35	28	33	41	40	42	39	39	41	42	46	47	49	38	45	54	60	45	42	38	40	39		38.9
LACON 2 E	MAX	42	41	52	41	57	37	49	50	45	50	47	76	69	60	60	65	65	67	66	77	74	69	71	67	79	74	55	52	56	55		58.9
	MIN	31	34	26	35	30	18	25	35	31	25	36	44	35	42	35	34	35	39	40	42	48	42	46	58	60	45	41	35	39	36		37.4
LINCOLN	MAX	46	46	49	47	63	51	57	64	41	46	50	75	70	64	62	64	64	65	64	77	69	66	68	68	76	70	56	55	59	59		60.4
	MIN	36	37	27	33	34	21	31	39	34	29	38	47	42	46	38	40	42	41	47	52	50	44	51	58	59	46	41	37	40	38		40.6
MASON CITY 1 NW	MAX	44	44	49	46	61	50	62	59	41	48	49	75	63	62	61	63	65	66	63	78	67	65	68	66	75	71	51	54	59	58		59.4
	MIN	33	37	27	35	33	21	31	41	34	30	38	47	40	43	38	40	42	41	47	54	50	41	49	59	60	45	41	36	42	37		40.4
MINONK	MAX	38	39	42	41	35	57	34	45	49	39	48	59	68	58	60	62	64	63	69	68	75	59	68	69	67	81	59	58	56	54		56.1
	MIN	32	34	29	31	26	18	24	28	29	32	34	35	37	41	38	40	42	41	41	52	52	45	46	46	50	45	39	35	33	34		37.0
NORMAL	MAX	43	43	47	46	59	57	49	58	47	46	48	74	73	61	61	64	64	65	65	75	75	65	69	67	74	74	55	51	55	54		59.5
	MIN	32	36	24	33	33	20	28	40	32	25	39	45	42	41	36	37	41	41	45	55	50	42	49	59	61	46	43	36	39	36		39.5
PEORIA WSO AP	MAX	42	40	50	41	59	39	55	55	40	48	49	74	58	60	60	64	64	65	59	77	60	66	69	65	75	58	46	54	56	55		56.8
	MIN	33	31	27	35	22	20	31	36	34	29	40	45	40	43	35	39	42	46	47	53	41	40	50	59	47	42	37	37	42	36		38.6
PRINCEVILLE	MAX	38	39	47	42	55	36	49	53	37	46	45	71	60	58	59	63	62	63	55	74	68	66	69	63	69	60	52	51	55	54		55.3
	MIN	28	28	25	30	29	16	26	31	30	27	36	43	38	38	34	34	37	40	42	51	46	35	41	55	58	42	39	34	39	34		36.2
• • •																																	
EAST 05																																	
DANVILLE	MAX	50	50	51	49	60	58	51	61	50	50	50	77	76	62	61	61	62	66	68	74	73	70	70	70	73	71	57	52	59	57		61.3
	MIN	34	39	28	36	35	22	24	39	33	25	38	50	43	39	40	33	34	34	38	54	52	46	48	59	61	48	39	38	40	40		39.6
HOOPESTON 1 NE	MAX	46	47	50	46	59	49	43	61	43	47	47	75	70	60	54	59	61	65	66	70	63	68	71	69	72	67	52	52	56	53		58.0
	MIN	33	37	28	35	35	20	24	36	31	26	37	46	44	42	37	33	34	35	40	51	54	42	50	58	60	48	39	36	37	38		38.9
KANKAKEE WTR POLL CTR	MAX	43	43	40	52	46	57	42	39	44	40	47	59	75	57	53	56	58	60	63	66	64	67	69	72	66	73	55	51	46	48		55.0
	MIN	31	33	26	34	34	19	23	30	20	25	32	37	44	35	36	37	36	35	37	48	43	43	42	53	58	48	38	37	34	36		36.1
PIPER CITY 3 SE	MAX	43	41	50	47	58	47	41	59	40	47	47	73	69	60	56	61	62	65	65	72	68	66	72	66	74	68	53	52	55	54		57.7
	MIN	33	36	30	32	34	20	26	35	31	27	36	44	43	41	36	33	34	35	37	50	52	43	48	58	60	47	40	35	39	37		38.4
PONTIAC	MAX	41	41	46	46	58	49	44	48	44	44	46	72	70	60	60	65	63	63	63	72	71	64	70	67	74	71	55	51	53	52		57.4
	MIN	32	37	28	36	33	19	27	36	32	28	37	37	43	43	37	36	38	38	40	52	51	49	49	58	61	47	42	35	40	37		39.3
RANTOUL	MAX	43	47	45	50	39	60	41	52	61	53	48	59	74	69	60	57	68	69	68	64	72	57	68	68	64	73	56	54	54	58		58.4
	MIN	34	34	30	34	34	24	27	31	25	32	37	38	45	40	40	36	36	36	44	52	55	47	48	55	58	47	42	36	39	39		39.2
URBANA	MAX	49	49	51	42	61	37	52	62	37	48	56	74	56	61	58	62	62	66	66	74	62	67	68	65	73	62	55	51	59	56		58.0
	MIN	33	36	31	35	24	21	30	36	32	29	39	54	41	42	41	38	39	41	44	53	52	50	54	58	60	46	42	36	39	38		40.5
WATSEKA 2 NW	MAX	43	43	40	49	41	57	35	48	57	35	48	59	73	55	59	52	58	60	64	63	70	60	66	70	65	72	56	50	52	52		55.1
	MIN	33	34	29	33	33	20	20	30	30	26	28	38	45	40	37	33	33	35	38	46	51	41	43	54	54	48	39	34	39	39		36.8
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	43	47	42	51	45	64	43	68	63	41	47	59	75	59	66	64	69	66	67	66	77	57	62	63	69	77	60	54	58	64		59.5
	MIN	37	37	32	37	37	26	27	37	37	36	37	41	44	47	46	48	48	48	52	54	54	52	53	58	59	46	44	41	44	45		43.5
CARLINVILLE	MAX	47	47	51	48	68	54	64	68	43	46	55	77	74	68	65	63	67	68	68	80	69	64	66	67	78	72	57	56	64	60		62.5
	MIN	35	39	25	38	34	24	32	43	35	31	39	53	40	45	38	39	40	45	50	54	51	50	49	59	60	45	39	36	39	38		41.5
GRIGGSVILLE	MAX	42	41	49	43	63	39	64	61	40	48	53	75	60	64	64	60	66	65	66	81	60	59	66	67	79	70	51	56	60	54		58.9
	MIN	34	37	27	36	34	23	32	40	34	35	39	53	42	50	42	45	44	48	57	55	49	44	48	58	60	44	44	35	44	39		42.4
HILLSBORO	MAX	49	51	52	48	71	68	64	69	50	51	53	79	76	69	69	64	72	71	68	82	78	65	65	69	79	72	62	60	65	63		65.1
	MIN	34	38	29	39	35	24	30	46	34	31	39	40	43	47	42	40	42	45	49	52	55	50	53	53	59	45	38	36	40	38		41.5
JACKSONVILLE 2 E	MAX	43	44	40	48	43	64	38	61	65	41	46	58	75	60	65	63	62	65	65	65	79	54	61	66	67	77	58	50	56	59		57.9
	MIN	35	34	27	28	33	22	23	33	35	32	32	41	40	44	42	38	42	43	48	49	49	47	47	53	60	45	41	36	39	37		39.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	44	49	42	50	50	62	43	68	67	41	47	64	72	61	67	65	63	67	67	69	80	56	64	65	71	78	59	52	57	63		60.1
	MIN	35	36	28	38	34	25	28	43	36	35	37	43	37	45	36	41	43	47	51	53	51	50	52	59	59	44	37	35	37	34		41.0
PANA	MAX	49	51	50	46	64	50	59	67	44	44	58	76	70	65	64	63	64	66	67	78	71	65	66	66	77	69	55	55	62	57		61.3
	MIN	35	38	29	38	33	23	31	44	35	29	38	50	45	43	43	41	43	44	49	54	53	50	53	59	61	46	39	37	41	37		42.0
SPRINGFIELD WSO AP	MAX	49	48	50	44	64	40	60	64	40	47	55	75	59	64	62	63	65	66	66	79	61	64	68	68	77	59	50	56	60	55		59.3
	MIN	35	33	29	37	26	23	34	40	35	31	40	48	41	45	41	43	45	45	52	55	51	46	51	60	52	44	42	38	43	37		41.4
VIRDEN 1 N	MAX	44	48	46	48	64	58	62	64	41	45	50	78	72	65	60	65	67	67	67	80	67	64	67	67	76	72	56	55	59	57		61.0
	MIN	33	34	27	37	35	21	32	39	32	31	39	47	48	45	40	37	40	42	45	52	49	49	49	58	60	43	45	34	50	39		41.1
WHITE HALL 1 E	MAX	45	44	49	48	66	61	65	65	43	47	54	76	69	65	63	62	64	67	67	80	72	63	67	70	78	75	58	54	61	58		61.9
	MIN	35	37	30	37	32	25	32	42	35	35	39	42	39	42	40	43	45	47	51	55	50	50	51	59	59	45	40	35	40	37		41.6
. . .																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	51	53	54	49	62	60	57	65	58	48	55	72	71	63	61	63	65	69	65	76	70	67	68	66	73	71	57	53	62	53		61.9
	MIN	35	39	30	39	28	23	27	50	33	27	40	49	42	42	41	39	37	40	49	55	56	51	56	58	59	47	38	37	33	38		41.3
EFFINGHAM 3 W	MAX	49	53	45	53	44	62	39	61	65	39	44	63	76	57	65	62	63	65	66	68	77	61	62	64	63	74	56	59	52	63		59.0
	MIN	37	38	30	34	34	24	27	25	36	29	34	43	45	42	43	36	41	42	47	51	57	52	54	59	61	48	38	38	37	38		40.7
FLORA 5 NW	MAX	53	55	53	50	63	60	62	66	53	45	57	79	74	70	64	67	66	68	68	79	75	62	64	64	75	70	61	54	65	65		63.6
	MIN	39	41	32	40	35	26	28	53	36	30	39	56	46	39	39	37	41	42	43	53	56	54	57	59	62	48	38	38	38	36		42.7
MATTOON	MAX	50	52	51	43	61	40	56	65	39	45	62	75	55	61	60	61	62	66	66	75	64	65	68	65	72	63	56	52	61	54		58.8
	MIN	34	37	30	37	26	23	31	38	34	29	41	54	44	44	41	39	39	40	47	54	53	51	55	59	61	47	40	37	40	39		41.5
MOWEAQUA	MAX	49	50	50	46	66	63	54	68	61	44	50	75	71	64	64	63	69	69	66	78	74	66	69	66	76	75	58	54	60	56		62.5
	MIN	35	40	39	39	34	24	32	48	35	24	38	49	45	44	44	40	42	42	48	56	52	48	53	59	62	42	40	38	41	37		42.3
NEWTON 6 SSE	MAX	50	57	46	55	45	60	40	60	60	38	47	70	77	56	65	61	64	64	67	69	77	68	63	62	66	72	59	58	52	63		59.7
	MIN	38	38	32	37	34	25	27	33	35	30	33	44	48	45	41	40	39	42	45	51	55	54	54	58	61	49	39	39	38	40		41.5
OLNEY 2 S	MAX	54	53	53	51	61	56	59	63	57	48	70	79	73	69	63	67	67	68	72	80	74	64	66	67	73	69	61	52	65	62		63.9
	MIN	40	42	36	40	35	27	28	54	37	31	40	57	49	42	39	37	39	43	47	57	60	54	58	60	61	50	38	39	35	37		43.7
PALESTINE	MAX	53	56	53	45	61	55	59	60	47	48	71	82	72	65	61	64	65	67	69	75	72	62	66	70	69	65	62	52	64	60		62.3
	MIN	40	40	31	39	35	25	30	47	35	30	41	58	47	47	42	42	38	42	46	52	56	55	58	61	62	46	41	39	35	39		43.3
PARIS WATERWORKS	MAX	50	53	52	45	61	50	55	62	46	51	62	79	72	64	57	60	64	68	70	75	67	67	69	71	71	66	60	50	61	58		61.2
	MIN	35	38	32	38	35	23	29	45	33	28	41	56	47	44	40	37	37	39	44	53	54	50	55	58	60	48	40	38	38	39		41.8
SALEM	MAX	51	54	54	50	62	59	68	66	50	47	59	78	74	70	65	63	66	69	72	82	75	61	62	64	76	71	60	56	65	66		63.8
	MIN	38	41	31	40	33	27	32	50	36	34	41	55	47	42	39	40	43	47	51	55	57	54	57	58	61	48	40	40	40	38		43.8
TUSCOLA	MAX	50	51	51	53	63	61	55	64	51	47	49	75	74	62	62	63	63	66	67	75	73	68	68	65	73	71	58	57	63	53		61.7
	MIN	34	40	31	38	33	22	31	48	33	29	39	48	45	41	41	39	39	42	43	54	55	51	55	59	60	48	41	37	38	37		41.7
VANDALIA 2 NW	MAX																																
	MIN																																
WINDSOR	MAX	50	52	52	49	60	58	57	66	47	43	56	76	68	68	60	62	67	67	67	77	77	67	68	64	74	68	56	53	63	58		61.7
	MIN	34	39	28	37	33	21	30	47	34	28	37	50	45	43	40	40	42	41	46	53	53	49	54	58	60	46	47	36	40	38		41.6
. . .																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	57	57	54	52	59	56	66	66	57	54	75	78	72	72	70	61	69	72	74	80	70	64	60	65		73	67	59	66	66		65.2
	MIN	45	43	33	42	36	28	33	55	38	37	45	55	35	43	47	47	48	48	52	52	61	56	58	59		48	43	38	38	41		45.0
BELLEVILLE SO ILL UNIV	MAX	48	48	51	52	68	66	68	69	55	48	59	78	76	74	69	64	65	67	70	80	79	62	63	70	78	77	58	58	68	66		65.1
	MIN	38	40	30	40	32	26	32	55	37	36	42	55	43	42	41	44	44	48	51	49	56	52	57	59	60	46	39	34	43	37		43.6
CAHOKIA	MAX	47	48	41	43	51	68	43	77	70	42	49	64	78	64	74	66	63	65	68	70	83	68	61	64	72	80	60	55	60	66		62.0
	MIN	39	39	32	32	32	30	24	36	37	37	39	44	43	45	43	45	46	50	53	52	56	52	56	58	60	46	43	41	43	40		43.1
CAIRO WSO CI	MAX	60	57	56	52	58	45	70	63	44	54	77	78	62	71	72	63	69	72	72	82	68	67	65	67	73	64	67	60	66	68		64.7
	MIN	49	44	41	46	41	33	40	44	41	40	53	58	54	51	51	52	54	55	57	60	62	60	60	65	64	52	49	47	48	50		50.7
CARBONDALE SEWAGE PL	MAX	50	58	50	55	48	61	45	71	70	42	54	74	78	60	73	70	61	69	70	75	81	69	62	65	67	74	60	65	58	66		63.4
	MIN	45	44	34	40	35	29	30	40	40	38	39	47	52	45	40	42	43	51	52	53	58	56	57	59	64	50	39	39	41	38		44.7
CARLYLE RESERVOIR	MAX	56	52	45	52	48	61	41	68	68	42	49	62	77	60	73	66	61	66	65	70	80	62	61	63	69	77	59	58	57	66		61.1
	MIN	39	38	31	38	34	26	27	37	36	30	35	45	46	47	44	45	45	47	51	54	59	52	54	58	61	47	42	38	42	41		43.0
DU QUOIN 4 SE	MAX	56	56	53	46	63	42	69	63	43	51	71	72	60	75	68	61	67	69	75	82	66	65	62	67	76	65	65	57	68	62		63.2
	MIN	42	36	35	34	30	28	34	43	37	36	44	52	46	46	43	45	45	50	52	54	55	54	58	60	62	47	41	38	42	39		44.3
KASKASKIA R NAV LOCK	MAX	48	51	48	47	49	68	44	71	66	43	53	64	78	63	76	67	58	70	71	68	79	63	60	63	70	79	62	62	60	69		62.3
	MIN	41	40	33	35	34	24	29	33	33	34	35	42	48	47	47	50	50	52	54	53	56	55	53	60	61	44	43	38	44	43		43.7
MARION 4 NNE	MAX	51	57	49	54	48	60	45	70	64	41	54	75	79	60	74	69	60	67	69	73	82	69	62	64	65	74	61	67	57	66		62.9
	MIN	44	44	33	36	33	29	30	38	40	36	37	50	48	42	42	42	45	50	51	54	58	54	56	58	62	50	39	39	39	38		43.9
NASHVILLE 4 NE	MAX	50	53	52	49	62	62	67	66	53	48	62	76	70	72	65	61	66	65	69	80	72	60	61	68	76	72	60	55	67	64		63.4
	MIN	40	40	32	40	34	27	32	52	37	35	41	55	48	44	44	46	45	45	50	56	57	52	57	59	61	47	44	37	42	41		44.7
SPARTA	MAX	49	51	54	50	67	63	69	67	50	51	61	78	73	77	68	63	68	70	73	82	76	61	62	70	79	70	63	58	70	67		65.3
	MIN	41	40	31	41	36	27	34	50	37	36	42	51	47	43	43	48	46	50	52	54	57	52	57	59	60	47	41	37	41	39		44.6
WATERLOO	MAX	46	48	45	53	50	68	56	76	66	41	53	63	78	70	75	66	63	71	73	73	83	61	59	64	73	80	60	55	59	68		63.2
	MIN	38	38	31	39	34	27	31	45	36	36	36	46	42	44	41	47	45	48	51	50	56	52	53	59	58	45	39	35	40	38		42.7
. . .																																	
SOUTHEAST 09																																	
ALBION	MAX	56	58	54	53	60	60	61	64	60	47	64	80	78	72	70	68	68	68	70	79	78	68	64	65	70	70	60	53	63	65		64.9
	MIN	41	42	33	40	34	27	33	54	37	35	40	58	49	43	43	42	44	45	48	48	61	55	58	60	61	49	41	30	38	40		44.3
BROOKPORT DAM 52	MAX	61	59	58	55	60	58	71	68	57	54	76	76	68	69	70	65	66	71	72	80	70	68	66	66	69	68	66	60	66	68		66.0
	MIN	48	48	34	43	40	30	37	55	40	39	49	55	52	43	47	45	50	52	53	56	59	58	58	61	62	49	39	45	44	41		47.7
DIXON SPRINGS AGR C	MAX	59	59	57	57	59	58	70	71	58	54	78	80	79	70	69	65	70	72	76	81	81	67	62	65	70	70	66	57	65	65		67.0
	MIN	46	47	33	43	33	28	33	55	39	37	46	57	51	40	41	41	45	51	52	55	59	57	59	61	63	49	36	38	39	39		45.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
APRIL 1979

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	62	51	53	51	61	59	61	61	56	45	63	79	77	71	65	65	65	68	68	79	75	64	63	63	72	69	62	53	65	62		63.3
	MIN	41	42	34	40	34	27	29	50	37	33	41	56	48	41	38	38	42	45	48	56	58	53	56	60	62	49	38	38	35	36		43.5
HARRISBURG	MAX	60	60	55	53	62	57	75	69	58	53	77	83	74	75	69	66	69	69	73	84	78	65	62	67	74	70	69	58	69	65		67.3
	MIN	45	44	35	42	35	30	36	56	39	37	44	58	51	42	43	41	43	45	48	52	59	56	58	60	63	50	40	39	38	40		45.6
MC LEANSBORO 2 ENE	MAX	50	58	47	53	47	60	43	69	63	39	50	70	79	78	72	66	65	67	68	69	80	65	62	64	64	72	57	65	55	65		62.1
	MIN	42	42	36	38	35	28	28	37	39	35	35	41	47	44	45	44	44	47	47	54	59	55	55	58	63	49	41	40	40	40		43.6
MT CARMEL	MAX	51	59	52	55	49	60	44	63	58	42	50	75	77	58	73	65	68	66	68	71	78	69	63	64	70	70	56	64	52	65		61.8
	MIN	43	43	34	37	35	28	29	35	38	35	36	47	52	45	43	44	46	45	51	53	58	56	57	58	61	54	41	38	38	40		44.0
MT VERNON 3 NE	MAX	64	55	52	61	61	54	68	63	58	48	66	69	78	74	67	67	67	69	72	76	78	70	71	65	73	74	59	61	65	62		65.6
	MIN	40	41	31	42	31	27	31	55	37	35	40	52	48	44	42	36	50	50	54	52	50	54	60	58	59	47	37	37	45	41		44.2
RENO LAKE DAM	MAX	50	58	47	53	48	68	43	71	64	41	50	72	80	60	74	69	62	66	68	71	84	70	62	65	65	75	60	64	58	68		62.9
	MIN	45	43	38	39	35	28	30	42	39	37	37	42	49	46	42	46	48	48	52	55	61	55	56	59	64	49	41	39	42	41		44.9
ROSICLARE	MAX	60	59	56	53	62	50	72	65	57	53	80	81	70	74	70	62	68	71	74	84	78	68	69	66	71	65	68	56	67	67		66.5
	MIN	47	48	33	42	40	29	34	51	39	37	45	57	45	36	41	40	42	47	46	51	58	57	56	61	59	44	38	33	36	39		44.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
APRIL 1979

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	50	47	47	51	46	49	47	48	51	44	46	47	58	53	55	51	58	61	63	60	62	58	64	61	60	64	60	55	53	55		54.1
		MIN	46	46	42	41	44	41	39	42	44	41	39	39	47	47	48	47	48	50	52	53	55	56	56	58	58	60	55	51	50	50		48.2
	8	MAX	50	48	48	48	48	48	46	47	49	48	45	47	54	51	52	53	55	56	58	57	58	58	60	59	59	61	61	58	55	55		53.1
		MIN	48	48	46	45	47	45	44	45	47	45	44	44	47	51	51	51	52	52	54	55	56	57	57	58	59	59	58	55	54	54		50.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • • NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	.18	.16		-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	49	123	41	123		-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	37	36	62		-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	34	40	38		
• • • EAST 05																																	
URBANA	EVAP	-	-		-	-	-	-	-	-	-	-	-	.11	.12	.14	.15	.13	.14	.16	.11	.13	.02	.15	.08	.00	.13	.05	.07	.08	.06		-
	MAX	-	50	43	61	43	-	-	59	56	-	-	52	-	-	-	67	70	75	76	64	73	59	76	68	64	74	56	52	53	53		61.1
	MIN	-	37	35	34	35	-	-	30	35	-		33	-	-	-	38	40	41	41	45	54	49	49	54	56	51	43	37	36	38		41.4
• • • WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	-	-		-	.18	-	.23	.00	.07	.09		.16	.23	.19	.22	.15	.13	.30	.17	.22	.07	.09	.06	.10	.10	.32	.11	.13	.10	.13		4.448
	WIND	-	-	-	-	112	174	104	125	151	81	169	116	109	107	120	47	56	99	99	109	97	46	57	120	96	182	104	126	81	107		32248
	MAX	-	-	-	-	67	58	61	65	52	55	51	78	73	69	72	72	75	72	66	77	68	67	69	65	80	76	59	63	62	63		66.7
	MIN	-	-	-	-	36	30	35	50	36	38	40	51	45	44	41	44	46	45	48	50	51	47	50	59	60	48	45	39	44	50		45.1
• • • SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	-	-	-	-	-	-	-	.15	.16	.06	.16	.09	.28	.09	.13	.29	.03	.18	.20	.11	.26	.08	.06	.03	.03	.27	.12	.07	.18	.14		4.138
	WIND	-	-	-	-	-	162	105	96	152	86	90	117	123	59	68	60	34	69	54	55	63	67	68	91	98	128	72	73	64	80		25618
	MAX	-	-	-	-	46	65	53	66	65	40	53	58	77	62	70	73	61	61	62	68	81	61	64	61	69	81	62	52	67	67		63.3
	MIN	-	-	-	-	36	29	29	44	37	36	36	43	48	45	45	47	46	48	48	50	52	53	52	56	58	47	44	38	40	43		44.2

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
■ ■ ■ NORTHWEST 01																																
DIXON	SNOWFALL		T																													
	SN ON GND																															
FREEPORT WASTE WTR PLT	SNOWFALL		1.4																													
	SN ON GND		1																													
GALENA 1 N	SNOWFALL		6.0	T	T	T	T			T																						
	SN ON GND		6	2																												
MOLINE WSO AP	SNOWFALL		.6			T		T																								
	SN ON GND																															
	WTR EQUIV																															
PAW PAW	SNOWFALL																												T			
	SN ON GND																															
ROCKFORD WSO AP	SNOWFALL	.3	.5		T	T			T	T																		1.0	.2			
	SN ON GND									T																			T			
	WTR EQUIV																															
WALNUT	SNOWFALL	1.0	T																													
	SN ON GND																															
■ ■ ■ NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL			.3			.5		.6	T		T																T	8.0			
	SN ON GND																											T	T			
CHICAGO O'HARE WSO AP	SNOWFALL				T	T		T		.1																		T	T			
	SN ON GND									T																						
	WTR EQUIV																															
CHICAGO MIDWAY WSO AP	SNOWFALL				T	T		T		T																						
	SN ON GND									T																						
	WTR EQUIV																															
■ ■ ■ CENTRAL 04																																
LACON 2 E	SNOWFALL						T																									
	SN ON GND																															
NORMAL	SNOWFALL				T			T																								
	SN ON GND																															
PEORIA WSO AP	SNOWFALL				T			T																								
	SN ON GND																															
	WTR EQUIV																															
■ ■ ■ EAST 05																																
HOOPESTON 1 NE	SNOWFALL					T			T	T	T																					
	SN ON GND																															
PIPER CITY 3 SE	SNOWFALL					1.3				T	T																					
	SN ON GND																															
PONTIAC	SNOWFALL					T			T																							
	SN ON GND																															
URBANA	SNOWFALL				.4			T		T																						
	SN ON GND																															
■ ■ ■ WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL									T																						
	SN ON GND																															
SPRINGFIELD WSO AP	SNOWFALL									T																						
	SN ON GND																															
	WTR EQUIV																															
■ ■ ■ SOUTHWEST 08																																
CARBONDALE SEWAGE PL	SNOWFALL							T	T																							
	SN ON GND																															
SPARTA	SNOWFALL						T																									
	SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS	7	38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER	4	41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE	1	41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSO AP R	1577	02	COOK	3	41 47	87 45	627	MID	MID		C HJ	NATL WEATHER SERVICE
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL	3	41 27	87 38	664				C	VILLAGE OF CRETE
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON	1	39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE	6	41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE	1	42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY	1	41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARO WOODS ST PARK	3369	02	GRUNOY	1	41 22	88 28	505	7A	7A			GEBHARO WOODS STATE PK
GENESEO	3384	01	HENRY	6	41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORO	1	40 28	88 22	655		7A			ROBERT O PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONOA DAM 51	3522	09	POPE	5	37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	AOAMS	1	40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		7A			EOMUND E KUNCE
GREENFIELD 1 S	3666	06	GREENE	1	39 20	90 12	550				C	WILLIAM C MENG
GREENUP	3683	07	CUMBERLANO	7	39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORO	7	39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLANO	4	41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	7A	7A		C H	JERRY SYMONS
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET 8RANOON RO OAM	4530	02	WILL	1	41 30	88 06	543	7A	7A			JAMES L SAMPSON
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANOOLPH	4	37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHS8URG	4655	01	MERCER	4	41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAIO	4739	06	CHRISTIAN	1	39 35	89 25	600		7A			RUOOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL	4	42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC OONOUGH	1	40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON	1	40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720				C	LLOYO J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES	7	39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK ANO OAM	5493	02	MC HENRY	1	42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEOORA	5539	06	MACOUPIN	1	39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	7A	7A			ROBERT O QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLANO	6	41 27	90 30	582	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		7A			8ERT STODDARD
MORRIS	5820	02	GRUNOY	1	41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIOE	6	41 49	89 58	603	7A	7A		H	CITY OF MORRISON
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630				C	MRS DOROTHY A BULLARO
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL	4	42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	645		7A			MRS LAURIE DOUO
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	7A	7A		C H	OELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE	6	42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	514	7P	7P			H M GAODIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE	1	41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL	1	41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION	2	38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	640				C	MERLE E LASH
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 2 NW	8781	07	FAYETTE	2	38 59	89 07	540	7A	7A		C	KEN C RITTER
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS	1	39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE	4	38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL	1	41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX	1	40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
G	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
C	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
‡	DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

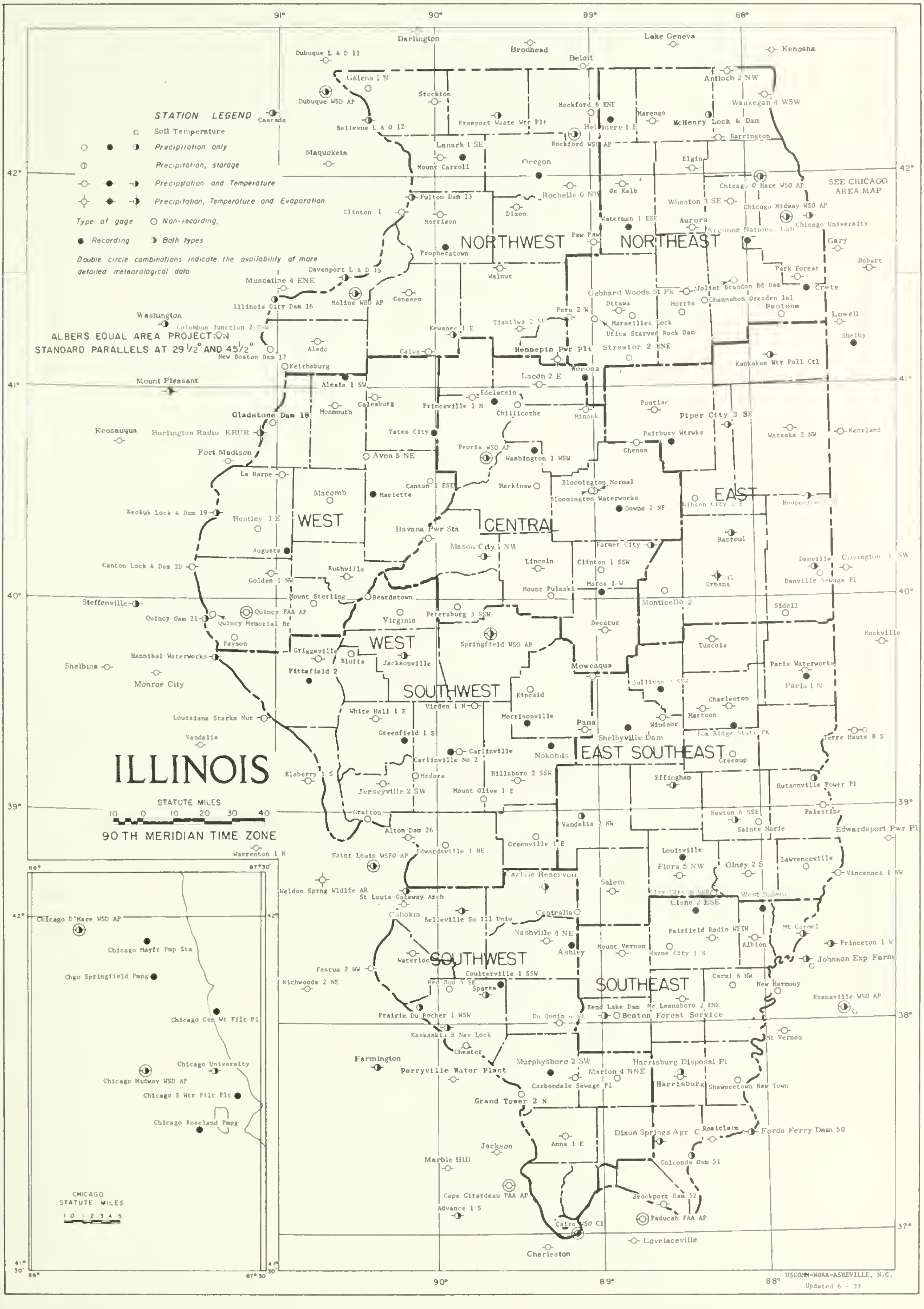
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Brodhead
Lake Geneva
Kenosha
Beloit
Dubuque L & D 11
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton
Waukegan 4 WSW
STATION LEGEND
Cascade
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Rockford 6 ENE
Marengo
McHenry Lock & Dam
Freeport Waste Wtr Plt
Belvidere 1 E
Bellevue L & D 12
Barrington
Rockford WSO AP
Lanark 1 SE
Maquoketa
Oregon
Elgin
Mount Carroll
Chicago O'Hare WSO AP
SEE CHICAGO AREA MAP
Rochelle 6 NW
De Kalb
Fulton Dam 13
Wheaton 3 SE
Chicago Midway WSO AP
Clinton 1
Dixon
Morrison
Waterman 1 ENE
Aurora
Argonne National Lab
Chicago University
Paw Paw
Gary
NORTHWEST
NORTHEAST
Prophetstown
Hobart
Davenport L & D 15
Walnut
Park Forest
Muscatine 4 ENE
Joliet Brandon Rd Dam
Crete
Gebhard Woods St Pk
Moline WSO AP
Geneseo
Ottawa
Morris
Channahon Dresden Isl
Illinois City Dam 16
Peotone
Peru 2 W
Marseilles Lock
Washington
Lowell
Columbus Junction 2 SSW
Tiskilwa 2 SE
Utica Starved Rock Dam
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
Kewanee 1 E
Shelby
Aledo
Streator 2 ENE
New Boston Dam 17
Galva
Hennepin Pwr Plt
Kankakee Wtr Poll Ctl
Keithsburg
Mount Pleasant
Lacon 2 E
Wenona
Alexis 1 SW
Edelstein
Pontiac
Galesburg
Princeville 1 N
Chillicothe
Monmouth
Minonk
Piper City 3 SE
Gladstone Dam 18
Yates City
Fairbury Wtrwks
Watseka 2 NW
Kentland
Keosauqua
Burlington Radio KBUR
Chenoa
Peoria WSO AP
Fort Madison
Avon 5 NE
Washington 1 WSW
La Harpe
Canton 1 ESE
Hackinaw
Bloomington Normal
Macomb
Marietta
Bloomington Waterworks
EAST
Gibson City 1 E
Hoopeston 1 N
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
WEST
CENTRAL
Havana Pwr Sta
Rantoul
Mason City 1 NW
Augusta
Farmer City
Covington 1 SSW
Lincoln
Danville
Canton Lock & Dam 20
Clinton 1 SSW
Rushville
G
Golden 1 NW
Urbana
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
40°
Mount Sterling
Monticello 2
Steffenville
Beardstown
Quincy FAA AP
Sidell
Virginia
Petersburg 3 SSW
Quincy Dam 21
Quincy Memorial Br
Decatur
Rockville
Payson
Springfield WSO AP
Tuscola
WEST
Griggsville
Hannibal Waterworks
Bluffs
Jacksonville
Moweaqua
Paris Waterworks
Shelbina
Pittsfield 2
Sullivan 2 SSW
Monroe City
Paris 1 N
SOUTHWEST
Kincaid
Charleston
Virden 1 N
White Hall 1 E
Mattoon
Louisiana Starks Nur
Morrisonville
Windsor
Pana
Greenfield 1 S
Fox Ridge State PK
Terre Haute 8 S
Vandalia
Shelbyville Dam
Carlinville
Nokomis
EAST SOUTHEAST
Greenup
ILLINOIS
Carlinville No 2
Elsberry 1 S
Medora
Hillsboro 2 SSW
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
STATUTE MILES
10 0 10 20 30 40
Grafton
Vandalia 2 NW
Newton 6 SSE
Palestine
90TH MERIDIAN TIME ZONE
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Edwardsville 1 NE
Greenville 1 E
Warrenton 1 N
Saint Louis WSFO AP
Louisville
Lawrenceville
88°
87°30'
Flora 5 NW
Olney 2 S
Carlyle Reservoir
Vincennes 1 NW
Weldon Sprng Wldlfe AR
Salem
St Louis Gateway Arch
Clay City 6 SSE
West Salem
42°
Cisne 2 ESE
Cahokia
Centralia
Chicago O'Hare WSO AP
Belleville So Ill Univ
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Chicago Mayfr Pmp Sta
Princeton 1 W
Albion
Ashley
Mount Vernon
Wayne City 1 N
Waterloo
SOUTHWEST
Johnson Exp Farm
Chgo Springfield Pmpg
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
SOUTHEAST
Richwoods 2 NE
Red Bud 5 SE
New Harmony
Sparta
Evansville WSO AP
Chicago Cen Wt Filt Pl
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Chicago University
Perryville Water Plant
Murphysboro 2 SW
Marion 4 NNE
Harrisburg Disposal Pl
Chicago Midway WSO AP
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Chicago S Wtr Filt Plt
Grand Tower 2 N
Chicago Roseland Pmpg
Rosiclare
Dixon Springs Agr C
Fords Ferry Dam 50
Jackson
Anna 1 E
Golconda Dam 51
Marble Hill
CHICAGO STATUTE MILES
1 0 1 2 3 4 5
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO Cl
41° 30'
88°
87°30'
Lovelaceville
Charleston
90°
89°
88°
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

U.S. MAIL

THIRD CLASS

BULK RATE

214/12. 84/5

MAY 1979 VOLUME 84 NUMBER 5

Climatological Data

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	GOLDEN 1 NW	92	DATE 08
LOWEST TEMPERATURE:	2 STATIONS	28	DATE 02+
GREATEST TOTAL PRECIPITATION:	BROOKPORT DAM 52	6.18	
LEAST TOTAL PRECIPITATION:	JACKSONVILLE 2 E	.90	
GREATEST 1 DAY PRECIPITATION:	CAIRO WSO CI	2.55	DATE 03

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	30	SW	26	-	-	-	-	0	1	5	3	1	1	11	55	-
CHICAGO O HARE WSO AP	18	2.5	11.9	35++	18	08	71	75	54	51	6	3	2	1	1	0	13	-	5.9
CHICAGO MIDWAY WSCMO AP	17	2.7	11.5	39	N	25	70	77	58	54	5	4	3	0	1	0	13	77	5.8
MOLINE WSO AP	22	3.2	11.5	43	W	10	70	75	47	44	3	4	3	3	0	0	13	65	5.3
PEORIA WSO AP	19	2.5	10.5	30	NW	14	75	80	53	53	1	2	3	2	0	0	8	73	5.6
ROCKFORD WSO AP	21	2.6	11.6	31++	19	08	73	79	50	49	8	3	2	1	0	0	14	-	5.7
SPRINGFIELD WSO AP	19	2.9	11.8	36	SE	08	70	75	48	48	5	4	2	1	0	0	12	73	5.6

CLEMSON UNIVERSITY LIBRARY
AUG 20 1979
SCI. TECH & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
NORTHWEST 01																							
ALEDO	75.1	50.2	62.7	.6	90	8	36	1	146	1	0	0	0	3.36	- .41	1.40	11	.0	0		6	2	1
DIXON	72.1	48.6	60.4	- .6	90	31+	36	1	204	2	0	0	0	2.06	- 1.63	.88	3	.0	0		3	2	0
FREEPORT WASTE WTR PLT	71.5	46.1	58.8		89	10+	31	1	248	0	0	1	0	1.58		.62	3	.0	0		5	1	0
FULTON DAM 13	69.6	50.1	59.9	- 1.4	88	9	37	2+	203	0	0	0	0	2.07	- 1.65	.74	3	.0	0		5	1	0
GALVA	72.2	48.4	60.3	- 1.4	89	9	36	1	200	0	0	0	0	3.41	- .64	1.24	11	.0	0		5	3	1
GENESEO	74.0	50.6	62.3		91	8	33	1	159	2	0	0	0	2.78	- 1.06	.76	2	.0	0		5	3	0
HENNEPIN POWER PLANT	M	47.4	M				33	1			0	0	0			.29	11	.0	0				0
KEWANEE 1 E	71.1	46.6	58.9	- 2.9	88	9	31	1	231	0	0	1	0	1.74	- 2.32	.70	11+	.0	0		3	2	0
MOLINE WSO AP R	74.3	49.5	61.9	.8	91	30+	34	1	172	2	0	0	0	2.86	- 1.06	.60	2	.0	0		6	3	0
MORRISON																							
MOUNT CARROLL	70.5	45.2	57.9	- 2.2	89	9	28	1	272	0	0	2	0	2.18	- 1.92	.82	3	.0	0		5	2	0
PAW PAW	71.4	44.5	58.0		89	11+	32	2+	256	0	0	2	0	2.01	- 1.82	.93	3	.0	0		4	2	0
ROCHELLE	69.5	44.0	56.8		86	30+	32	1	284	0	0	1	0	1.35		.65	11	.0	0		3	2	0
ROCKFORD WSO AP //R	71.4	45.9	58.7	- .1	87	10+	30	1	245	0	0	1	0	1.45	- 2.41	.69	2	.0	0		3	1	0
STOCKTON 1 N	69.7	45.1	57.4		88	11+	32	1	279	0	0	1	0	2.24		.70	19	.0	0		4	2	0
TISKILWA 2 SE	74.3	48.3	61.3		87	30+	33	1	175	0	0	0	0	2.99	- .96	1.75	3	.0	0		4	2	1
WALNUT	74.4	49.4	61.9	.1	88	30+	35	1	167	0	0	0	0	2.40	- 1.43	.77	11	.0	0		5	3	0
DIVISION			59.8	- 1.0										2.30	- 1.57			.0					
NORTHEAST 02																							
ANTIOCH 2 NW	69.1	43.8	56.5	- 1.2	85	11+	30	1	295	0	0	2	0	1.24	- 2.29	.63	3	.0	0		3	1	0
AURORA	72.1	47.2	59.7	.6	87	10+	32	1	216	0	0	1	0	2.60	- .97	1.60	3	.0	0		4	2	1
BARRINGTON	69.4	47.1	58.3		86	11+	31	1	251	0	0	1	0	1.76		.96	3	.0	0		3	2	0
CHICAGO O'HARE WSO AP R	71.1	47.4	59.3	.9	90	10+	30	1	233	2	0	1	0	2.58	- .83	1.30	2	.0	0		4	2	1
CHICAGO UNIVERSITY //	70.9	50.6	60.8	2.2	89	10	35	1	192	0	0	0	0	1.64	- 1.98	.95	3	.0	0		3	1	0
CHICAGO MIDWAY WSCMO //R	69.9	49.2	59.6	- .4	86	10+	32	1	216	0	0	1	0	2.00	- 1.41	1.26	2	.0	0		4	1	1
DE KALB	73.5	48.1	60.8	1.3	87	11	32	1	186	0	0	1	0	1.80	- 1.91	.75	3	.0	0		3	2	0
ELGIN	69.2	45.1	57.2		87	9	30	1	276	0	0	1	0	1.74	- 1.83	1.03	3	.0	0		3	1	1
GEBHARD WOODS ST PARK	72.8M	49.1M	61.0M		88	11+			176	0	0		0			.74	3	.0	0				0
JOLIET BRANDON RD DAM	71.3	47.0	59.2	- 1.4	87	11+	32	1	229	0	0	1	0	2.03	- 1.66	1.03	3	.0	0		5	2	1
MARENGO	74.5	45.6	60.1	1.3	91	9	29	1	216	1	0	1	0	1.52	- 1.88	.62	11	.0	0		3	2	0
OTTAWA	77.6M	49.6M	63.6M	1.5	90	10	35	1	125	1	0	0	0	2.96	- .63	1.49	11	.0	0		4	2	1
PARK FOREST	66.8	47.9	57.4		84	11	30	1	277	0	0	1	0	2.63	- 1.39	1.11	3	.0	0		5	3	1
PERU 2 W	75.4	47.9	61.7	- .2	90	31+	35	25+	175	2	0	0	0	3.02	- .69	1.68	3	.0	0		4	2	1
WAUKEGAN	66.7M	43.3M	55.0M	- 1.9	87	9	28	2	328	0	0	2	0	1.92	- 1.48	.83	3	.0	0		4	1	0
WHEATON 3 SE																							
DIVISION			59.3	- .4										2.10	- 1.48			.0					
WEST 03																							
GALESBURG	73.3	49.0	61.2		89	8	36	1	171	0	0	0	0	2.33	- 1.52	.66	3	.0	0		5	2	0
GOLDEN 1 NW	76.8	51.2	64.0		92	8	37	25	114	1	0	0	0	1.45	- 2.22	.63	2	.0	0		5	1	0
LA HARPE	75.4	50.8	63.1	.3	90	8	37	1	135	1	0	0	0	2.12	- 1.51	.68	11	.0	0		5	2	0
MONMOUTH	75.9	49.4	62.7	.6	90	8	34	1	148	1	0	0	0	2.88	- 1.04	.85	31	.0	0		6	2	0
QUINCY FAA AP	74.5	53.5	64.0		90	8	41	1	109	1	0	0	0	2.25	- 1.82	1.11	2	.0	0		4	2	1
QUINCY DAM 21 /	73.6	50.8	62.2		90	9	42	5+	146	1	0	0	0	2.69	- .98	1.32	27	.0	0		4	3	1
RUSHVILLE	77.2	51.2	64.2	.9	90	8	36	25	106	1	0	0	0	2.66	- 1.53	1.21	2	.0	0		5	2	1
DIVISION			63.1	.1										2.34	- 1.64			.0					
CENTRAL 04																							
CHENOA	75.0	48.1	61.6		90	30	33	1	170	1	0	0	0	2.07		1.10	3	.0	0		5	1	1
DECATUR	77.5	48.6	63.1	- .8	90	30	31	26	133	1	0	1	0	1.12	- 3.21	.55	3	.0	0		4	1	0
FARMER CITY	74.5	49.5	62.0		89	31	36	26+	157	0	0	0	0	1.65		.84	3	.0	0		5	1	0
HAVANA 4 NNE	74.5	48.5	61.5		90	31+	35	1	172	2	0	0	0	1.25	- 2.53	.70	3	.0	0		3	1	0
LACON 2 E	75.8	49.5	62.7		90	30	34	1	157	1	0	0	0	1.45		.58	11	.0	0		5	1	0
LINCOLN	76.0	50.5	63.3	- .3	87	30	38	26	128	0	0	0	0	1.98	- 1.99	1.06	3	.0	0		3	2	1
MASON CITY 1 NW	75.6	50.1	62.9		88	30	37	1	135	0	0	0	0	1.53		.42	3	.0	0		5	0	0
MINONK	72.8	48.5	60.7	- .8	88	10+	33	1	190	0	0	0	0	1.60	- 2.29	.70	3	.0	0		3	2	0
NORMAL	75.5	50.6	63.1	.0	88	30	35	26	149	0	0	0	0	1.71	- 2.36	.64	3	.0	0		6	1	0
PEORIA WSO AP //R	72.7	48.2	60.5	- 1.0	87	8	34	26	194	0	0	0	0	1.96	- 1.91	.61	11	.0	0		5	2	0
PRINCEVILLE	73.4	47.4	60.4		87	30+	33	1	195	0	0	0	0	2.03	- 1.74	.58	3	.0	0		5	1	0
DIVISION			62.0	- .8										1.67	- 2.30			.0					
EAST 05																							
DANVILLE	75.7	47.5	61.6	- .9	87	30+	33	5	162	0	0	0	0	2.22	- 2.34	.53	3	.0	0		7	1	0
HOOPESTON 1 NE	74.1	49.2	61.7	- .4	87	30+	34	1	164	0	0	0	0	2.48	- 1.60	.62	3	.0	0		7	2	0
KANKAKEE WTR POLL CTR	73.2	47.9	60.6		88	11	33	1	200	0	0	0	0	1.40		.80	3	.0	0		4	1	0
PIPER CITY 3 SE	76.5	48.6M	62.6M	1.2	90	30	32	1	157	1	0	1	0	1.88	- 2.16	1.15	3	.0	0		3	1	1
PONTIAC	75.9	49.7	62.8	.5	89	31+	35	1	145	0	0	0	0	1.96	- 2.00	1.17	3	.0	0		5	1	1
RANTOUL	73.2M	48.2M	60.7M		88	31	34	1	186	0	0	0	0	2.01	- 1.82	.55	3	.0	0		6	2	0
URBANA	73.7	49.1	61.4	- 1.2	88	30+	36	5+	172	0	0	0	0	1.47	- 2.68	.36	2	.0	0		5	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
MAY 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	70.8	45.5	58.2		85	31+	33	22+	246	0	0	0	0	2.69	- 1.85	1.30	3	.0	0		5	2	1
DIVISION			61.2	- .8										2.01	- 2.16			.0					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	73.3	53.7	63.5		87	9	39	5	116	0	0	0	0	1.10		.44	3	.0	0		3	0	0
CARLINVILLE	76.1	50.7	63.4	- .7	88	8	34	5	120	0	0	0	0	1.56	- 2.73	.40	27	.0	0		5	0	0
GRIGGSVILLE	75.1	52.9	64.0	- .4	91	8	38	1	113	1	0	0	0	1.36	- 3.03	.77	3	.0	0		3	1	0
HILLSBORO	78.1	50.1	64.1	- .2	89	10	34	5	99	0	0	0	0	4.27	- .37	1.10	26	.0	0		7	4	1
JACKSONVILLE 2 E	73.0	47.6	60.3	- 3.8	87	9	36	25+	194	0	0	0	0	.90	- 3.51	.53	3	.0	0		3	1	0
JERSEYVILLE 2 SW																							
PANA	74.0	51.3	62.7	- 1.5	85	8	37	5	132	0	0	0	0	2.01	- 2.36	.86	3	.0	0		5	2	0
SPRINGFIELD WSO AP R	76.5	51.5	64.0	.6	89	30	39	5	119	0	0	0	0	1.32	- 2.22	.77	2	.0	0		3	1	0
VIRDEN 1 N	76.0	51.8	63.9		87	30+	37	5+	124	0	0	0	0	1.03	- 3.14	.46	3	.0	0		3	0	0
WHITE HALL 1 E	76.4	50.4M	63.4M	- 1.0	90	8	37	5	110	1	0	0	0	1.83	- 2.42	.97	27	.0	0		4	1	0
DIVISION			63.3	- 1.0										1.71	- 2.56			.0					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	74.7	49.9M	62.3M	- 1.7	85	10+	35	5	147	0	0	0	0	2.17	- 2.00	.65	27	.0	0		5	1	0
EFFINGHAM 3 W	71.7	48.0	59.9	- 4.0	85	9	34	26+	200	0	0	0	0	1.63	- 2.79	.51	27	.0	0		5	1	0
FLORA 5 NW	75.3	49.5	62.4	- 2.9	86	10	31	5	135	0	0	1	0	2.43	- 2.51	.71	27	.0	0		6	3	0
MATTOON	73.1	50.3	61.7		85	31+	35	5	161	0	0	0	0	2.15		.45	26	.0	0		6	0	0
MOWEAQUA	76.2	50.3	63.3		88	30+	35	26+	124	0	0	0	0			.33	11	.0	0				0
NEWTON 6 SSE	72.9	48.5	60.7		85	31+	35	5	177	0	0	0	0	3.11	- 1.13	.81	27	.0	0		7	2	0
OLNEY 2 S	75.8	50.4	63.1	- 2.1	86	10+	34	26+	118	0	0	0	0	3.50	- 1.15	.97	27	.0	0		6	3	0
PALESTINE	74.9	51.0	63.0	- 2.0	88	10	35	5	126	0	0	0	0	2.40	- 2.02	.60	12	.0	0		8	2	0
PARIS WATERWORKS	74.1	51.2	62.7	- 1.0	87	10	36	5	146	0	0	0	0	4.18	- .17	1.60	31	.0	0		9	4	1
SALEM	76.2	51.5	63.9		87	10+	36	5	107	0	0	0	0	2.59		.72	3	.0	0		7	2	0
TUSCOLA	76.3	50.0	63.2		87	30+	36	5	124	0	0	0	0	1.90	- 2.29	.92	3	.0	0		5	1	0
VANDALIA 3 SW	74.0	51.0M	62.5M		90	10			138	1	0	0	0	2.09		.99	27	.0	0		4	1	0
WINDSOR	75.2	49.4	62.3	- 1.4	86	8	36	5	145	0	0	0	0	2.21	- 2.08	.49	12	.0	0		5	0	0
DIVISION			62.4	- 1.8										2.53	- 1.89			.0					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	74.5M	53.0M	63.8M	- 2.6	85	19+	38	5	109	0	0	0	0	4.39	- .95	1.28	3	.0	0		9	3	2
BELLEVILLE SO ILL UNIV	76.4	49.8	63.1		85	31+	34	5	118	0	0	0	0	2.15		.66	31	.0	0		7	1	0
CAHOKIA	71.5	50.0	60.8		85	19	37	5	163	0	0	0	0	1.74		.77	3	.0	0		5	1	0
CAIRO WSO CI R	75.0	59.0	67.0	- 2.3	87	19+	47	5	61	0	0	0	0	6.08	.90	2.55	3	.0	0		10	5	2
CARBONDALE SEWAGE PL	73.4	51.4	62.4	- 4.2	85	11	37	26+	142	0	0	0	0	3.32	- 1.26	1.07	3	.0	0		7	3	1
CARLYLE RESERVOIR	73.3	51.9	62.6	- 2.9	87	10	39	25+	137	0	0	0	0	1.89	- 2.37	.53	27	.0	0		6	1	0
DU QUOIN 4 SE	75.0	51.7	63.4	- 2.9	87	10+	37	5	126	0	0	0	0	4.23	.09	1.96	3	.0	0		7	3	1
KASKASKIA R NAV LOCK	74.3	52.6	63.5		86	9	37	1	120	0	0	0	0	3.60		1.30	20	.0	0		8	2	1
MARION 4 NNE	74.4	50.0	62.2		85	11+	36	5	146	0	0	0	0	3.44	- .78	.91	3	.0	0		7	3	0
NASHVILLE 4 NE	74.5	52.4	63.5		85	10	39	5	113	0	0	0	0	2.52	- 1.97	.91	3	.0	0		7	1	0
SPARTA	76.9	52.5	64.7	- 1.8	88	31	35	5	95	0	0	0	0	3.09	- 1.45	1.05	3	.0	0		7	2	1
WATERLOO	75.0	51.5	63.3		89	9	35	5	126	0	0	0	0	1.90	- 2.67	.61	3	.0	0		6	1	0
DIVISION			63.4	- 3.0										3.20	- 1.42			.0					
• • •																							
SOUTHEAST 09																							
ALBION	76.9M	52.8M	64.9M		87	9	37	5	92	0	0	0	0			.98	3	.0	0		6	3	0
BROOKPORT DAM 52	75.9	53.9	64.9		86	10	39	5	78	0	0	0	0	6.18	1.53	1.33	4	.0	0		11	4	2
DIXON SPRINGS AGR C	76.2	52.9	64.6		86	11+	37	13+	100	0	0	0	0	3.54		1.09	3	.0	0		7	3	1
FAIRFIELD RADIO WFIW	75.1	50.5	62.8	- 2.7	85	11+	34	5	125	0	0	0	0	3.74	- 1.19	.91	12	.0	0		8	3	0
HARRISBURG	78.5	52.5	65.5	- 1.8	91	10	38	5	82	2	0	0	0	3.33	- 1.49	1.00	3	.0	0		6	3	1
MC LEANSBORO 2 ENE	73.5	50.7	62.1	- 4.5	86	11+	37	5	148	0	0	0	0	2.99	- 1.34	.68	3	.0	0		7	3	0
MT CARMEL	74.1	50.8	62.5		86	11	37	5	140	0	0	0	0	2.83		.64	3	.0	0		6	3	0
MT VERNON 3 NE	76.7M		M							0	0			2.27	- 2.09	.88	3	.0	0		5	1	0
RENO LAKE DAM	74.5	53.1	63.8		87	11	41	26	111	0	0	0	0	4.07		1.64	3	.0	0		7	3	1
ROSICLARE	75.0	51.5	63.3		85	10	37	5	113	0	0	0	0	4.57	- .05	1.22	3	.0	0		10	3	2
DIVISION			63.8	- 2.6										3.72	- .96			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x NORTHWEST 01																																
ALEDO	3.36		.42	.30								1.40	.05	.03	.13												.27				T	.76
DIXON	2.06		T	.88								.84	.04		T	.24				.06	T						T					T
FREEPORT WASTE WTR PLT	1.58	T	T	.62								.33	.09	T	.11	.28				.12				.03								T
FULTON DAM 13	2.07		T	.74								.29		T	.02	.46		T		.11								T				.45
GALENA 1 N	1.22		T	.48								.18			.12	T				.37				.02								.07
GALVA	3.41			.80	.01							1.24	.06		.01	.12				T								.25				.92
GENES'O	2.78	T	.76	T							.09	.58	.05	T	.48			.01	.05	.03							T				.16	.56
HENNEPIN POWER PLANT	-			-								.29			.02	.04									T		T					
ILLINOIS CITY DAM 16 //	2.07		.01	.67								.85		T	T	.05		T		.22								.21		T		.06
KEITHSBURG	2.89			.63								1.03	.03		T	.21				.01								.54				.44
KEWANEE 1 E	1.74	.01	T	.70	T	T						.70	T		T		T				T							.05				.28
MOLINE WSO AP R	2.86	T	.60								.37	.57	.03	.01	.30		T		T	.08							.04				.55	.31
MORRISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT CARROLL	2.18		T	.82								.54	.01	.02	.12	.05		.01		.43				.03								.15
NEW BOSTON DAM 17	2.75			.80								.84	.01			.15				T								.40		T		.55
PAW PAW	2.01			.93								.50	.18		.35													.05				
ROCHELLE	1.35			.54								.65	.02			.14																
ROCKFORD 6 ENE	1.58	.01		.95								.36			.04	.11				.07				.04								
ROCKFORD WSO AP //R	1.45		.69	.01			T					.30		T	.36			T	.07	.02			T		T		T			T		T
STOCKTON 1 N	2.24			.47								.63			.09					.70				T							.35	
TISKILWA 2 SE	2.99		.20	1.75								.65			.39			T							T		T					
WALNUT	2.40	T	.10	.66								.77		T	.54			T									T					.33
x x x NORTHEAST 02																																
ANTIOCH 2 NW	1.24	T		.63								.17	.07	T	.02	.11								.09							.07	.08
AURORA	2.60		.02	1.60								.52	.08		.21	.11			.01	.05												
BARRINGTON	1.76			.96								.65		.02	.13			T		T												T
CHANNAHON DRESDEN ISL	2.33			1.10								.59	.06		.00	.46				T	.02							.02				
CHICAGO O'HARE WSO AP R	2.58		1.30	.03								.90	.02	.10	.18					.04			T	T	T					T	T	T
CHICAGO UNIVERSITY //	1.64			.95	.01							.27	.05	.25	.01	.05				.04				.01		T						
CHICAGO MIDWAY WSCMO //R	2.00	T	1.26	.03								.32	.06	.12	.08					.10			T	T	T					T		.03
DE KALB	1.80			.75	.01							.64		T	.36	.03				T				.01								
ELGIN	1.74			1.03	.01							.38	.03	.01	.07	.16								.05								
GEBHARD WOODS ST PARK	-			.74								-	.10		.07	-												.12				
JOLIET BRANDON RD DAM	2.03			1.03	T						T	.14	.12	.02	.10	.53				.07	.02											
MARENGO	1.52			.55								.62		T	.35																	
MARSEILLES LOCK	3.66			.82								2.18	.11		.07	.46										T		.02				
ME HENRY LOCK AND DAM	1.28	T		.66								.36			.01	.23				T	T			.02							.01	
MORRIS	2.08			.70								.62	.10	T	.06	.51				T	.02							.07				
OTTAWA	2.96			.90								1.49		.20	.28					.09												
PARK FOREST	2.63	T		1.11								.65	.10		.19	.52				T	.06											
PEOTONE	1.98	.01		1.33	T							.15	.16	T	T	.33																
PERU 2 W	3.02			1.68								.96			.15	.20									.03							
STREATOR 2 ENE	2.01		.13	.56								1.05		.07	.13	.07										T						
UTICA STARVED ROCK DAM	2.96			1.61	.01							.95	.01	T	.01	.37										T		T				
WAUKEGAN	1.92	.02		.83	T							.28	.05	T	.28	.43					.02			.01							T	
WHEATON 3 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
x x x WEST 03																																
AVON 5 NE	2.39			.82								.36	.05	.03						T						T		.35				.78
BENTLEY 1 E	1.29		.42	.02								.43	.14		T					.01					T		.14	.11			T	.02
CANTON 1 ESE	1.60		.13	.31								.33		.01	.08					.05					T		.42					.27
GALESBURG	2.33			.66								.49	.08		.03	.12			.01							T		.35				.58
GLADSTONE DAM 18	4.09			.65								1.58	.07		.03	.06				.02								.40				1.28
GOLDEN 1 NW	1.45		.63									.38	.11														.23	.10				
LA HARPE	2.12			.54								.68	.17		T											T		.30				.43
MACOMB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONMOUTH	2.88		.38	.35								.82			.11					T							.37					.85
MOUNT STERLING	1.62		.30	.80								.20															.25	.07				
PAYSON	3.36		.03	1.36								.43	.10					T		.05						T		1.39				
QUINCY FAA AP	2.25	T	1.11	.03							T	.39	.10					T	.04						T		.56	.02				
QUINCY DAM 21 //	2.69			.71	.02							.51	.13							T								1.32				
QUINCY MEMORIAL BRIDGE	2.64			.70								.61	.13							.02		T						1.18				T
RUSHVILLE	2.66			75								.17	.03		.06										.02	T	.14	.05				.23
x x x CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.47			.73								.17	.06		.11				T							T		.40				
CHENOA	2.07		T	1.10								.36	.11	.11		.27				T					T		.07	.05				T
CHILLICOTHE	1.34			.47								.46	.02		.06													.33				
CLINTON 1 SSW	1.73			.82	.03								.22	.03	.14	.20				T						.02		.27				
DECATUR	1.12			.55								.01	.11	.02	.15	T				T						.02		.26				
FARMER CITY	1.65			.84									.10		.22	.25												.24				
HAVANA 4 NNE	1.25			.70								.10	.05		.04											.06		.27				.03
LACON 2 E	1.45		.11	.38								.58	.02	.01	.14	.02			T						.05		.13					
LINCOLN	1.98			1.06								.08	.10		.06	.08				.04						.04		.51				
MACKINAW	2.34		.17	.47								.59		.15	T	.23									.05		.65	.03				
MASON CITY 1 NW	1.53		.23	.42								.30	.02	.13	.03	T									T		.40					
MINONK	1.60			.70								.55	T			.35				T								T				
MOUNT PULASKI	1.60	T		1.00	.02							.02	.13	.02	.03					.01			T			.01		.34	.02			
NORMAL	1.71			.64								.16	.15	.12		.29				T					T	.02	.02	.31				T
PEORIA WSO AP //R	1.96		.59									.61		T	.11					.03					.01		.45				.16	
PETERSBURG 3 SSW	1.43			.83	T							.22	.08							.02								.28				
PRINCEVILLE	2.03		.20	.58								.38			.07					.02							.44				T	.34
x x x EAST 05																																
DANVILLE	2.22			.53								.09	.40		.37	.14								T			.13	.16				.40
DANVILLE SEWAGE PLANT	2.14			.76									.18	.23	.18	.25					T				.01	.02		.31				.20
GIBSON CITY 1 E	1.84			.83								.15	.15	.12	.14	.14					.01							.30				
HOOPESTON 1 NE	2.48			.62									.23	.24	.57	.37					T				T	T		.28				.17
KANKAKEE WTR POLL CTR	1.40			.80									.11	.16	.23	.07												.03				
MONTICELLO 2	1.47			.73									.04	.12	.19	.17					.03							.18				
PIPER CITY 3 SE	1.88			1.15									.05		.22	.27				.06	.04					T		.09				
PONTIAC	1.96			1.17								.32	.16	.01	.06	.10				.02								.12				
RANTOUL	2.01			.55									.10	.15	.45	.50												.26				
SIDELL	2.82			.63									.39		.37	.70						.04						.17				.52
URBANA	1.47		.36	.07								.06	.28	.20	.25					T					T		.25	T				T
WATSEKA 2 NW	2.69			1.30	T							T	.02	.26	.20	.73					.02	T						.16				T
x x x WEST SOUTHWEST 06																																
ALTON DAM 26	1.10			.44	.02	.01						.08	.15	T						T								.40				
BEARDSTOWN	2.12			.70								.12	.09	T		.11											.06	.12			92	
BLUFFS	1.04			.45								.23	.01	.05						.05					.02		.15	.08				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.56	.02	.32	.09	T							.15	.18	.07	T					T	T				.03		.28	.40				.02
EDWARDSVILLE 1 NE	1.83			.71	.06							T	.22	T	.02						.02					.04		.55				.31
GRAFTON	1.08	T		.55								.12	.03	.09							T					T		.28				
GREENVILLE 1 E	2.08			.62	.11							.08	.22	.02														1.03				
GRIGGSVILLE	1.36		T	.77								.28			.06			T		.02						T		.23				
HILLSBORO	4.27			65	.75							.47	.47	.10						T							1.10	T				.73
JACKSONVILLE 2 E	.80			.53		T						.10	.17	T	.03											.02						.05
JERSEYVILLE 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINCAID	1.38			.64										.20												.17		.37				
MEDORA	2.07		.40	T	.25							.15	.07	.13	.03					.01					T			.90			.13	
MOUNT OLIVE 1 E	2.02			.56									.15		.35													.86				
PANA	2.01		T	.86	.01	.01						.13	.14	.04	.18	.06				.01						T		.57				
SPRINGFIELD WSO AP R	1.32	T	.77	T	T							.05	.06	.09	T						T				.02		.18					.15
VIRDEN 1 N	1.03	T		.46	.01								.17		.05					.01						.06		.27				
VIRGINIA	1.21		.22	.29								.17	.03	.10		.03				.10					.05		.14	.03				.05
WHITE HALL 1 E	1.83	.05	.15	.30								.22	.06	.05						.03								.87				
x x x																																
EAST SOUTHEAST 07																																
CHARLESTON	2.17			.45	T								.33	.37	.28	.09				T	T							.65				
CLAY CITY 6 SSE	2.83			.66	.48			.02					.56		.33					T	T							.60			.06	.12
DIONA 3 SW	2.08			.47									.49	.16	.22	.16												.58				
EFFINGHAM 3 W	1.63			.49	.04	T						.02	.22	.21	.13					T	T					.01		.51				
FLORA 5 NW	2.43		.19	.50	.37							T	.50		.11					T	T				T		T	.71				.05
GREENUP	2.84			.57	.05								.35		.47	.42				.03						T		.58				.37
HUTSONVILLE POWER PL	2.88			.45	.12	.02							.10	.57	.05	.75												.78				.04
LAWRENCEVILLE	3.50	T		.74	.36	.13							.48	.35	T	.15					.01							1.06				.22
MATTOON	2.15		.38	.05	T							.27	.43	.17	.32					T							.45	.02				.06
MOWEAQUA	-		.01	-	-							.33	-		.30						T				T		.30					.24
NEWTON 6 SSE	3.11			.37	.34	.02						.08	.44	.32	.12											.02		.81				.58
OLNEY 2 S	3.50			.79	.27							.20	.77		.03													.97				.47
PALESTINE	2.40		.15	.36	.18							.13	.60	.03	.18	.13				T							.55					.08
PARIS WATERWORKS	4.18		.14	.11	T							.68	.65	T	.16					.11					T	T	.20	.53				1.60
SAINTE MARIE	2.85			.40	.25							.38	.38	.38	.06													.63				.36
SALEM	2.58	T	.15	.72	.26						T	.21	.46	.15	T					T	T				T		T	.64				T
TUSCOLA	1.90			.92								.05	.40	.15	T	.02				.10							T	.18				.08
VANDALIA 3 SW	2.09			.36	.08	T						.08	.27		.30											T		.99				
WINDSOR	2.21		.02	.48	.01						.03	.04	.49		.13	.09				T					.01		.39	.08				.44
x x x																																
SOUTHWEST 08																																
ANNA 1 E	4.39		.25	1.28	.56							.16	1.21	.01	.02						.46		.10	.15					19		T	
BELLEVILLE SO ILL UNIV	2.15	T	.14	.34	.23							.31	.20								.04							.23			T	.66
CAHOKIA	1.74	.02		.77	.12	T						.27	.16		.05					T	.06	T				T		.29				
CAIRO WSO CI R	6.08		.06	2.55	.54							.12	.50							.18	.54		.11	.24				.19				1.05
CARBONDALE SEWAGE PL	3.32			1.07	.67	.23						.12	.69	.10	.05					T	.31	.08										T
CARLYLE RESERVOIR	1.89			.46	.23	T						.10	.31	.06	.20					T								.53				
CENTRALIA	3.19			1.30	.53	.10						.12	.36	.04	.21						.12					T		.41				
CHESTER	3.87			1.38	.58	.03						.20	.52	.05	.08						.85	.13							.05			
DU QUOIN 4 SE	4.23		.25	1.96	.31							.18	.60	.20							.65						T				.04	.04
GRAND TOWER 2 N	4.39			1.37	.77	.12						.10	.46					.07				.59								.88		.03
KASKASKIA R NAV LOCK	3.60			.84	.44	.03						.20	.42	.02	.15					T	1.30	.10										.10
MARION 4 NNE	3.44			.91	.55	.22						.07	.71	.17	T						.30	.05				.07			T			.39
NASHVILLE 4 NE	2.52			.81	.40							.17	.39	.05	.20					T	.15							.25				
PRAIRIE DU ROCHER 1WSW	3.82	T		.67	.40	.02						.20	.28		.28						1.95	.05				.02						.05
RED BUD 5 SE	2.56			.95	.35	.05						.14	.25		.16						.66						T				T	
SPARTA	3.09	.02	.13	1.05	.36							.15	.40	.25						.02	.63	T				.01		.02				.05
WATERLOO	1.90	T		.61	.31	.02						.18	.20		.02						.35	.03				.02		.16				
x x x																																
SOUTHEAST 09																																
ALBION	-		.04	.98	.53							.72	-	.14							-	-	-	-			.44					.12
BENTON FOREST SERVICE	3.64			1.18	.38	.14							.75	.10	.12						.71	.03						.07				.15
BROOKPORT DAM 52	6.18			1.00	1.33	.47					.11		.90	.37	T					T	.29	.37	.02	.84	.07				.12			.28
CARMI 6 NW	3.13			.63	.76	.15						T	.66	.22	.05						.30	.03					.09		.24			
DIXON SPRINGS AGR C	3.54		.08	1.09	.78	.11						.07	.66							.05	.21		.17	.32					T			
FAIRFIELD RADIO WFIW	3.74		.08	.80	.52							.25	.91		.21						.25						T	.41			T	.31
GOLCONDA DAM 51	4.87			1.00	1.35	.35							.60	.32							.11	.50	T	.20	.09				.21			.14
HARRISBURG	3.33		T	1.00	.70							.28	.93							.27	.10		T	.05					T		T	T
HARRISBURG DISPOSAL PL	3.06			.85	.55	.26						.20	.76	.16	T						.16	.04		.06					T			.02
MC LEANSBORO 2 ENE	2.88			.68	.53	.14						.04	.64	.25	.07	T					.26	.02		T				.08	.05			.23
MT CARMEL	2.83			.64	.37	.18						T	.57	.63							.03	.03				T		.30				.08
MT VERNON 3 NE	2.27	T	T	.88	.08	T						.05	.39	T	.27						.12							.48			T	T
REND LAKE DAM	4.07			1.64	.40	.13						.07	.66		.32						.55			T		.01		.05	.03			.21
OSICLARE	4.57		.21	1.22	1.00							.29	.98							.11	.17		.12	.25							.22	
HAWNEETOWN NEW TOWN	4.48	T		.85	.92	.21							.95	.40							.20	.08		.20	.05				.32			.31
AYNE CITY 1 N	-			.66	-	-							.95		.30						.07							.32				.14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
• • •																																	
NORTHWEST 01																																	
ALEDO	MAX	60	62	59	61	68	77	84	90	89	87	87	62	70	69	68	75	83	86	80	77	72	76	73	67	69	66	74	81	86	89	81	75.1
	MIN	36	52	49	43	43	48	56	66	68	66	45	42	49	52	48	45	58	47	56	51	41	41	53	41	41	47	43	49	53	63	64	50.2
DIXON	MAX	49	58	70	60	62	67	75	83	90	88	87	57	60	71	67	68	73	83	85	74	77	67	74	62	67	70	60	75	80	86	90	72.1
	MIN	36	40	47	44	38	45	54	60	66	68	52	44	42	50	44	42	53	58	60	49	44	41	48	41	47	40	43	48	48	56	60	48.6
FREEPORT WASTE WTR PLT	MAX	52	56	65	60	62	67	76	82	89	89	88	63	62	70	67	68	74	83	86	73	73	65	73	55	65	68	65	75	78	83	84	71.5
	MIN	31	35	45	40	37	39	54	56	68	68	52	41	40	46	41	37	50	57	60	46	40	39	47	39	37	36	45	44	45	55	59	46.1
FULTON DAM 13	MAX	49	57	62	57	59	65	75	81	88	86	85	52	61	68	65	67	73	81	83	72	72	62	74	59	64	66	61	73	76	82	84	69.6
	MIN	37	37	49	46	43	43	51	55	66	68	49	45	45	50	47	48	48	58	61	54	49	47	47	48	48	49	50	51	51	53	59	50.1
GALVA	MAX	53	59	70	58	61	67	76	83	89	87	87	58	61	70	67	67	75	83	85	75	78	68	75	64	67	70	60	74	80	84	88	72.2
	MIN	36	40	47	42	42	42	50	55	66	65	48	42	45	51	45	47	55	58	61	53	41	44	44	40	39	45	43	44	53	53	63	48.4
GENESEO	MAX	58	69	60	62	69	77	85	91	89	88	66	63	71	68	69	74	84	83	75	75	67	78	65	67	70	64	76	80	86	90	75	74.0
	MIN	33	49	48	45	43	51	56	66	72	65	47	43	47	51	46	44	57	62	57	52	45	42	50	42	41	44	44	48	55	64	61	50.6
HENNEPIN POWER PLANT	MAX	60	56	57	59	65	66	75	84	88	89	86	52	60	73	67	68	77	82														
	MIN	33	36	44	44	35	40	56	60	68	67	52	45	43	49	44	40	53	61	61	49	41	37	50	44	39	36	39	45	44	52	63	47.4
KEWANEE 1 E	MAX	51	58	71	58	60	65	75	83	88	82	87	53	59	70	66	65	74	82	84	74	78	66	74	63	66	68	61	74	80	83	86	71.1
	MIN	31	43	46	40	36	47	55	41	65	63	47	43	42	49	46	39	54	58	58	47	41	38	53	40	40	37	39	43	46	57	62	46.6
MOLINE WSO AP	MAX	59	67	60	62	68	78	84	91	89	88	66	63	72	68	69	75	84	84	74	77	67	77	66	69	71	63	78	81	86	91	75	74.3
	MIN	34	50	48	45	43	51	58	66	70	65	48	44	44	48	44	40	61	63	54	49	43	43	49	42	35	38	38	44	56	61	59	49.5
MORRISON	MAX																																
	MIN																																
MOUNT CARROLL	MAX	48	56	62	59	59	67	74	82	89	87	86	64	61	69	66	66	73	83	86	72	73	63	72	59	65	68	60	73	76	83	85	70.5
	MIN	28	40	46	41	35	47	48	58	68	66	46	41	38	47	36	34	56	59	55	44	39	39	44	34	31	34	52	39	44	54	59	45.2
PAW PAW	MAX	48	65	70	60	62	64	75	82	88	89	89	63	54	69	64	63	72	83	86	74	77	65	75	65	64	64	64	72	77	84	85	71.4
	MIN	32	32	43	41	38	38	45	53	58	62	51	43	40	41	43	39	52	56	56	49	40	40	41	39	39	34	39	47	46	50	52	44.5
ROCHELLE	MAX	52	52	65	54	55	60	68	75	82	86	86	58	57	68	65	66	72	81	84	73	77	64	75	61	65	67	69	72	77	86	84	69.5
	MIN	32	34	45	42	37	40	52	52	65	63	53	40	39	42	38	36	49	52	53	46	39	37	42	38	38	33	38	41	45	51	53	44.0
ROCKFORD WSO AP	MAX	55	69	58	59	65	74	80	86	87	87	72	58	70	63	66	71	81	83	71	74	63	70	58	64	68	67	71	76	84	83	79	71.4
	MIN	30	43	45	39	35	48	53	67	68	65	42	41	37	45	39	34	53	57	50	45	41	40	43	40	39	34	41	45	47	56	60	45.9
STOCKTON 1 N	MAX	49	55	60	57	59	67	75	81	88	88	88	52	60	68	66	66	73	83	85	70	69	62	68	58	66	68	61	73	77	83	85	69.7
	MIN	32	40	43	37	34	40	54	52	67	66	46	40	40	48	40	35	52	58	54	48	38	40	44	38	36	39	43	41	41	54	59	45.1
TISKILWA 2 SE	MAX	59	73	60	60	65	75	81	87	87	86	77	54	70	68	67	74	81	84	81	78	72	76	73	67	70	67	75	80	85	87	84	74.3
	MIN	33	47	47	43	38	49	57	65	67	65	48	48	42	51	45	38	54	59	57	48	41	36	53	42	39	36	40	45	49	52	62	48.3
WALNUT	MAX	56	69	59	61	66	75	82	88	88	87	86	58	70	65	67	72	82	83	82	77	71	74	73	66	70	67	74	80	84	88	86	74.4
	MIN	35	48	47	45	41	50	55	66	67	65	47	43	44	49	45	45	53	61	58	52	40	40	54	39	37	41	43	46	52	59	64	49.4
• • •																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	47	55	71	58	58	62	72	78	84	85	85	65	59	68	66	66	69	78	83	71	78	62	70	61	64	67	72	68	70	80	69	69.1
	MIN	30	31	45	38	34	34	53	56	65	65	59	44	41	43	42	38	39	50	56	46	40	38	38	39	38	35	36	41	46	48	51	43.8
AURORA	MAX	57	72	58	60	63	74	81	85	87	87	74	58	69	65	67	72	80	85	73	80	61	75	65	63	66	70	70	74	84	78	83	72.1
	MIN	32	44	46	42	38	49	54	67	65	66	46	44	41	47	42	40	52	58	51	46	41	39	47	41	40	36	40	46	45	55	62	47.2
BARRINGTON	MAX	45	57	71	58	58	63	73	80	86	86	86	64	56	69	69	66	70	79	84	70	78	69	73	62	62	66	69	58	69	82	72	69.4
	MIN	31	36	40	41	35	44	43	57	67	67	63	44	40	49	49	47	53	57	59	46	42	48	49	40	39	35	40	45	49	52	54	47.1
CHICAGO O'HARE WSO AP	MAX	57	73	56	55	63	73	81	90	89	90	73	54	65	63	67	71	80	85	72	78	58	75	65	62	65	70	70	69	82	75	78	71.1
	MIN	30	44	43	41	38	54	57	68	69	67	44	41	42	46	47	42	56	60	48	44	38	37	43	40	43	39	42	45	45	55	60	47.4
CHICAGO UNIVERSITY	MAX	52	71	75	53	60	72	77	83	83	89	88	63	69	71	64	63	75	85	86	74	78	68	68	53	56	70	70	62	76	68	75	70.9
	MIN	35	43	45	42	41	53	57	68	69	70	62	45	45	52	47	46	54	64	61	48	44	42	52	44	45	45	43	50	50	51	57	50.6
CHICAGO MIDWAY WSCMO	MAX	57	73	61	51	64	73	81	86	85	86	75	57	70	61	66	70	78	84	72	77	57	74	63	59	61	70	65	64	80	72	76	69.9
	MIN	32	47	43	41	37	51	55	65	67	68	49	45	44	50	46	45	56	62	51	49	45	42	45	45	46	42	44	48	48	54	62	49.2
DE KALB	MAX	55	70	71	61	65	74	82	86	86	86	87	57	67	67	66	71	81	83	83	75	65	74	74	65	67	69	69	77	84	80	81	73.5
	MIN	32	45	44	40	37	49	54	64	65	65	51	42	41	49	45	39	52	60	61	51	42	40	55	41	41	36	42	46	49	57	57	48.1
ELGIN	MAX	45	56	71	57	58	62	73	81	87	86	86	64	56	68	62	66	70	80	84	71	77	59	73	64	61	65	68	68	72	81	74	69.2
	MIN	30	33	44	40	36	40	51	57	64	63	55	41	38	39	43	40	49	53	58	45	40	39	45	40	39	40	41	44	45	53	53	45.1
GEBHARD WOODS ST PARK	MAX	52	60	71	58	60	65	75	82	86	88	88		60	73	63	69	74	81	87	77	80	66	78	72	66	71	70	75		87	78	72.8
	MIN		39	46	41	39	42	57	59	65	67	64	44	42	54	51	39	47	49	61	47	50	45	46	42	39	37	41	46		62	63	49.1
JOLIET BRANDON RD DAM	MAX	42	59	75	58	58	64	74	82	87	87	87	67	57	71	62	68	73	80	86	75	79	61	74	71	63	65	71	72	74	86	82	71.3
	MIN	32	35	46	41	38	41	50	54	64	64	62	43	43	47	42	43	48	52	58	47	44	40	45	44	42	34	44	50	48	55	60	47.0
MARENGO	MAX	57	71	68	58	65	79	82	89	91	89	85	58	68	67	67	76	82	87	80	77	72	75	69	68	67	69	69	79	81	79	85	74.5
	MIN	29	40	46	40	34	40	51	64	65	67	50	42	38	48	43	36	56	58	59	40	40	35	45	38	37	35	37	42	47	59	53	45.6
OTTAWA	MAX	61	75	71	61	68	77		88	89	90	88		72	69	76		85	87	78	81	69	80	78	68	72	69	76	81	88	88	87	77.6
	MIN	35	48	49	44	40	51		54	67	67	51		45	51	43		53	59	64	51	43	39	57	44	42	38	43	47	46	56	62	49.6
PARK FOREST	MAX	43	53	70	48	48	58	72	78	83	82	84	66	54	62	57	64	67	75	83	76	71	64	74	66	57	60	70	68	66	74	78	66.8
	MIN	30	43	43	40	37	47	46	54	66	67	66	45	42	42	43	42	51	55	60	45	42	47	52	44	43	38	42	44	46	61	62	47.9
PERU 2 W	MAX	55	75	60	61	71	76	82	87	89	90	85	59	72	71	68	73	85	85	82	80	77	68	66	65	67	70	70	85	86	86	90	75.4
	MIN	37	50	42	42	41	52	55	59	67	67	45	45	42	50	40	43	57	61	59	49	37	42	35	40	35	47	40	50	51	52	52	47.9
WAUKEGAN	MAX	45	50	69	57	50	63	73	81	87	85	85	69	67	68	68	66	61	79	84	68	77	53	62	58	59	61	61	65	60	71		66.7
	MIN	29	28	42	39	35	33	52	55	62	52	51	44	46	48	44	40	43	53	53	45	40	39	41	40	40	39	39	39	41	48		43.3
WHEATON 3 SE	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MAY
1979

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
• • •																																	
WEST 03																																	
GALESBURG	MAX	62	70	58	61	67	76	85	89	86	86	65	61	70	71	68	74	83	84	75	79	68	75	65	66	69	62	74	80	83	96	73	73.3
	MIN	36	52	47	44	42	50	49	52	68	62	45	42	45	48	44	44	55	60	57	54	44	44	49	46	39	42	40	46	52	62	60	49.0
GOLDEN 1 NW	MAX	66	71	62	58	67	78	85	92	86	88	84	62	75	80	75	75	84	85	82	80	75	77	77	67	72	65	75	82	85	88	83	76.8
	MIN	39	53	49	44	42	48	55	66	65	65	45	43	50	50	45	49	57	59	62	58	43	44	54	40	37	44	52	52	53	60	64	51.2
LA HARPE	MAX	64	68	60	62	68	77	85	90	87	86	79	62	72	76	71	75	82	85	78	81	71	76	71	68	71	65	76	81	86	88	75	75.4
	MIN	37	53	48	44	41	48	55	66	66	66	49	43	46	50	45	45	59	60	62	57	44	44	53	41	40	42	46	49	51	60	66	50.8
MONMOUTH	MAX	63	69	58	62	69	78	85	90	88	88	82	63	73	73	70	77	84	86	79	81	69	78	72	67	70	65	75	81	87	89	81	75.9
	MIN	34	50	48	43	41	48	54	65	66	65	45	42	45	51	44	43	56	59	59	54	42	41	54	40	37	42	42	47	53	59	63	49.4
QUINCY FAA AP	MAX	68	70	61	61	68	78	86	90	84	84	66	62	71	76	71	73	83	85	76	80	68	76	67	67	71	72	72	79	84	86	74	74.5
	MIN	41	55	50	47	43	51	59	69	66	66	49	46	50	53	49	48	59	62	63	58	47	47	53	44	43	51	54	52	58	63	64	53.5
QUINCY DAM 21	MAX	57	69	69	55	61	68	78	85	90	86	85	55	63	72	76	71	72	84	84	76	79	69	76	66	68	70	76	73	80	84	85	73.6
	MIN	42	45	50	46	42	43	51	58	67	67	47	47	46	50	50	49	50	59	64	62	51	47	46	44	44	43	49	50	50	57	60	50.8
RUSHVILLE	MAX	66	71	63	64	67	76	86	90	89	85	83	62	72	78	71	78	82	86	81	81	80	76	75	69	75	71	75	82	85	89	84	77.2
	MIN	41	53	53	47	42	49	54	63	66	66	46	44	43	50	42	52	56	60	61	56	48	44	51	42	36	42	50	49	54	63	63	51.2
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	62	75	63	56	64	76	83	87	87	88	85	57	71	68	67	74	83	87	80	75	73	70	77	64	68	69	74	79	87	90	85	75.0
	MIN	33	45	48	42	39	47	53	64	63	69	50	46	41	49	44	39	47	56	52	49	44	37	49	42	39	39	44	50	50	60	61	48.1
DECATUR	MAX	69	76	64	59	67	77	84	87	88	89	78	62	73	78	74	78	83	87	81	80	76	81	79	66	72	70	75	83	89	90	88	77.5
	MIN	39	49	52	46	34	49	54	64	62	65	52	42	39	48	42	38	52	55	60	51	47	41	51	42	36	31	50	42	52	59	63	48.6
FARMER CITY	MAX	62	74	61	54	64	74	81	85	85	86	76	55	73	76	70	73	80	86	80	76	69	79	78	63	69	64	74	80	87	88	89	74.5
	MIN	36	46	50	44	37	46	53	63	63	65	53	44	41	48	43	46	50	57	62	54	47	39	52	43	41	36	49	49	52	59	65	49.5
HAVANA 4 NNE	MAX	59	65	75	55	61	68	77	85	90	88	87	53	63	74	76	71	77	85	86	80	81	68	77	71	67	72	64	75	81	88	90	74.5
	MIN	35	39	52	46	41	43	52	56	66	65	51	45	42	47	45	38	41	58	60	56	48	41	43	45	42	40	49	50	53	50	66	48.5
LACON 2 E	MAX	62	74	61	61	67	65	82	86	88	88	87	58	72	71	68	76	86	86	84	80	74	76	75	67	70	69	75	80	85	90	88	75.8
	MIN	34	47	46	44	36	50	55	65	68	67	50	45	42	51	46	40	52	62	61	52	43	35	54	43	40	37	44	48	48	69	61	49.5
LINCOLN	MAX	64	74	63	58	65	75	82	86	85	86	85	62	72	77	72	75	82	85	83	79	75	77	77	67	71	69	73	80	85	87	85	76.0
	MIN	39	48	51	46	39	48	54	64	63	65	51	44	42	49	46	42	53	56	62	58	48	42	55	45	40	38	51	52	51	60	63	50.5
MASON CITY 1 NW	MAX	64	74	62	57	65	75	81	86	85	85	82	62	72	76	70	75	82	84	80	79	78	76	75	67	71	69	73	80	85	88	85	75.6
	MIN	37	50	50	45	39	46	55	59	65	66	49	45	42	47	44	41	53	58	64	55	46	41	52	44	41	42	49	51	54	59	63	50.1
MINONK	MAX	55	58	78	58	57	66	77	83	88	88	84	58	59	71	70	69	82	83	85	74	72	64	74	67	64	66	74	76	84	87	85	72.8
	MIN	33	34	44	39	35	44	45	54	68	63	56	47	46	48	49	42	53	54	56	51	45	46	48	47	46	48	46	51	52	58	56	48.5
NORMAL	MAX	61	75	73	56	63	75	81	86	86	87	87	55	71	73	70	73	82	86	85	75	74	76	76	70	68	68	72	78	85	88	87	75.5
	MIN	38	51	49	44	36	49	56	67	66	67	52	44	43	50	43	39	56	62	63	55	46	41	55	44	42	35	44	46	57	63	65	50.6
PEORIA WSO AP	MAX	61	72	60	59	65	75	82	87	86	86	72	58	70	71	67	73	82	84	74	77	65	73	69	64	69	57	71	78	82	86	79	72.7
	MIN	37	51	48	45	40	46	55	65	66	65	46	44	41	45	43	40	55	58	53	53	44	43	47	37	37	34	40	47	51	57	62	48.2
PRINCEVILLE	MAX	59	70	59	59	62	73	80	87	84	85	81	58	69	69	65	76	81	83	82	77	73	73	69	64	70	65	72	79	83	87	81	73.4
	MIN	33	48	45	40	40	47	53	63	64	64	47	44	42	47	43	39	53	57	59	50	39	36	51	39	35	40	40	45	48	56	62	47.4
• • •																																	
EAST 05																																	
DANVILLE	MAX	63	77	73	54	65	75	83	87	85	87	86	60	70	75	69	72	79	84	82	79	72	77	78	66	66	71	73	79	87	87	85	75.7
	MIN	34	42	49	45	33	45	55	67	66	66	59	45	38	45	43	42	44	53	57	52	47	37	47	46	42	36	50	42	44	51	52	47.5
HOOPESTON 1 NE	MAX	61	77	64	54	64	73	82	86	85	87	81	59	69	72	67	70	76	82	79	77	72	75	78	65	66	70	73	78	86	87	82	74.1
	MIN	34	44	48	43	37	48	55	66	65	65	52	45	42	50	45	46	47	55	60	52	44	35	52	44	40	38	47	52	50	59	66	49.2
KANKAKEE WTR POLL CTR	MAX	51	59	77	53	66	71	76	82	87	87	88	73	68	72	65	67	71	79	82	85	81	60	76	74	62	68	71	72	75	85	87	73.2
	MIN	33	40	48	41	40	39	43	58	64	67	66	47	41	43	44	41	51	54	59	61	43	37	46	41	41	43	43	47	49	55	61	47.9
PIPER CITY 3 SE	MAX	61	76	68	55	64	74	83	87	88	89	88	55	73	72	73	72	82	88	81	79	78	79	79	64	70	71	76	80	88	90	87	76.5
	MIN	32	43	49	42	37	48	53	64	64	65		44	42	44	46	43	57	58	59	48	45	34	54	46	38	40	42	50	48	61	62	48.6
PONTIAC	MAX	59	74	71	56	65	74	81	86	86	88	87	57	71	67	69	73	82	85	83	81	79	77	77	64	70	69	75	80	88	89	89	75.9
	MIN	35	47	49	43	40	50	53	65	64	66	52	44	41	50	45	42	51	58	61	52	46	38	55	44	41	41	44	51	49	60	63	49.7
RANTOUL	MAX	55	61	76	54	54		74	82	85	86	87	68	66	70	75	69	72	79	78	82	80	65	77	78	62	65	69	74	79	85	88	73.2
	MIN	34	38	50	43	38		53	54	64	53	67	45	43	45	45	46	49	54	61	56	47	38	42	42	40	38	38	49	49	57	67	48.2
URBANA	MAX	62	76	62	54	64	73	82	85	85	88	70	56	70	73	68	72	80	85	80	76	66	76	78	63	68	65	72	79	86	88	84	73.7
	MIN	36	48	47	40	36	45	53	63	63	65	48	41	41	49	47	47	49	56	59	56	46	40	46	43	41	42	48	51	51	58	66	49.1
WATSEKA 2 NW	MAX	51	59	75	54	53	63	73	81	85	85	85	74	58	68	68	66	69	75	82	77	75	59	74	75	60	64	70	71	75	85	85	70.8
	MIN	33	37	50	42	38	39	48	57	60	54	61	45	39	41	43	41	49	53	59	48	43	33	41	44	38	34	39	47	44	50	61	45.5
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	55	70	72	60	57	65	72	83	87	83	85	57	63	71	78	72	74	80	84	75	76	71	77	74	67	70	75	72	79	84	84	73.3
	MIN	47	48	56	50	39	49	56	58	66	67	55	47	47	51	51	53	57	59	64	62	54	47	49	48	47	50	51	52	57	63	66	53.7
CARLINVILLE	MAX	69	73	63	56	67	74	81	88	85	85	84	61	72	81	75	75	81	85	80	79	76	77	76	69	71	69	73	80	83	86	85	76.1
	MIN	40	50	53	49	34	48	55	66	65	66	52	45	42	49	44	42	54	56	64	59	50	42	54	45	40	39	52	46	50	59	63	50.7
GRIGGSVILLE	MAX	68	73	62	58	68	78	87	91	86	86	81	61	72	73	70	75	81	84	76	78	72	74	68	66	69	72	72	79	83	85	80	75.1
	MIN	38	53	51	46	43	50	68	67	68	66	47	44	49	56	47	48	56	61	62	59	46	43	55	43	40	48	54	55	54	60	63	52.9
HILLSBORO	MAX	72	72	65	60	70	75	86	88	88	89	85	68	75	81	78	77	82	86	81	82	81	80	78	70	73	70	77	79	84	86	84	78.1
	MIN	42	48	50	46	34	46	54	65	62	65	52	43	40	53	48	44	45	53	60	58	50	43	54	43	42	45	52	46	57	57	56	50.1
JACKSONVILLE 2 E	MAX	54	67	72	57	57	66	74	83	87	84	84	55	61	72	78	71	75	82	85	77	78	71	76	72	67	71	66	73	80	83	85	73.0
	MIN	36	42	50	46	40	38	44	55	65	64	54	45	43	43	43	41	45	57	59	59	49	41	42	44	36	38	45	48	51	54	60	47.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MAY
1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX																																
	MIN																																
PANA	MAX	67	75	63	53	66	73	81	85	83	84	79	59	71	77	72	72	78	82	79	75	71	74	77	66	70	66	70	79	81	84	82	74.0
	MIN	39	49	52	48	37	47	56	66	64	66	55	44	42	49	48	46	52	56	61	59	51	43	53	43	40	42	53	52	52	58	66	51.3
SPRINGFIELD WSO AP	MAX	66	74	64	56	66	76	82	87	86	86	75	61	74	80	73	77	85	88	80	77	72	78	77	69	73	69	75	82	87	89	86	76.5
	MIN	40	54	49	42	39	50	56	68	67	69	50	45	42	50	44	43	59	60	58	59	50	47	51	42	41	40	51	48	55	64	64	51.5
VIRDEN 1 N	MAX	68	72	62	56	67	74	82	87	86	82	75	62	72	78	78	75	82	86	80	80	76	77	76	67	72	70	76	82	84	87	86	76.0
	MIN	37	46	50	46	37	50	65	72	69	71	48	43	45	56	44	43	55	55	63	57	51	41	56	45	40	40	52	49	50	60	69	51.8
WHITE HALL 1 E	MAX	68	71	65	56	67	76	85	90	87	86	84	61	72	78	77	75	82	85	83	79	74	75	76	70	70	75	72	79	82	85	82	76.4
	MIN	41	51		48	37	45	53	61	64	63	48	45	41	46	45	45	48	55	63	55	55	45	53	45	41	42	53	49	52	59	64	50.4
. . .																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	64	76	66	52	63	73	81	85	84	85	81	64	69	77	72	72	76	81	82	81	71	74	78	73	69	68	71	80	82	84	83	74.7
	MIN	39	50	51	46	35	50		67	65	67	50	45	38	49	45	44	51	57	59	58	49	41	51	41	39	36	50	48	52	58	67	49.9
EFFINGHAM 3 W	MAX	55	66	76	62	53	65	72	81	85	83	84	67	56	69	75	71	72	77	81	79	70	66	74	77	64	69	64	70	78	80	83	71.7
	MIN	41	44	51	48	34	37	46	57	64	66	67	46	38	42	47	42	47	50	55	56	52	41	45	46	40	34	46	45	48	53	59	48.0
FLORA 5 NW	MAX	68	76	63	56	65	73	82	85	84	86	84	60	72	78	76	72	78	83	82	77	71	74	79	72	70	68	73	78	82	84	82	75.3
	MIN	45	48	55	47	31	46	53	64	65	66	56	46	37	48	47	41	49	49	59	58	52	40	51	44	35	34	54	47	48	54	65	49.5
MATTOON	MAX	64	76	62	52	63	72	80	85	83	85	72	55	69	76	69	71	77	82	80	74	68	75	78	64	68	65	71	79	82	85	85	73.1
	MIN	40	49	49	40	35	48	55	66	65	67	48	44	41	50	47	44	53	57	61	58	48	40	49	45	41	38	52	50	54	59	66	50.3
MOWEAQUA	MAX	66	76	70	64	66	76	80	88	86	86	82	63	72	80	72	74	80	85	81	75	75	73	79	66	70	65	73	80	85	88	86	76.2
	MIN	37	50	51	47	37	47	48	56	69	65	54	51	49	46	44	44	52	55	61	58	51	47	42	44	35	35	53	45	57	64	66	50.3
NEWTON 6 SSE	MAX	57	68	76	62	52	65	72	80	84	84	85	75	57	68	77	71	74	78	83	81	70	65	75	80	65	69	69	71	80	83	85	72.9
	MIN	43	45	50	48	35	44	46	54	64	64	66	46	40	48	49	43	45	50	55	58	52	41	43	44	39	36	45	51	49	53	59	48.5
OLNEY 2 S	MAX	68	78	65	60	66	74	82	86	85	86	83	68	70	77	74	74	79	83	81	78	70	73	77	73	70	70	71	80	82	85	82	75.8
	MIN	45	51	54	47	34	45	55	64	65	67	59	47	39	46	50	42	47	51	56	58	54	44	52	45	40	34	53	48	50	54	66	50.4
PALESTINE	MAX	68	78	67	54	67	75	82	86	84	88	78	57	71	79	73	72	79	84	83	75	65	75	78	66	67	68	72	80	84	84	84	74.9
	MIN	43	50	54	46	35	43	55	65	65	68	55	46	40	47	51	46	47	52	58	59	53	44	53	46	43	39	55	49	50	56	67	51.0
PARIS WATERWORKS	MAX	65	78	62	53	65	73	81	85	84	87	82	59	70	76	68	72	77	82	81	77	69	75	79	63	66	67	72	78	82	85	83	74.1
	MIN	37	48	51	47	36	49	59	65	65	66	58	45	40	51	46	45	50	57	61	56	49	43	54	46	41	37	52	50	52	64	66	51.2
SALEM	MAX	72	75	64	56	68	73	82	86	87	87	85	58	71	78	78	74	80	84	81	78	71	75	79	74	70	70	73	78	84	86	84	76.2
	MIN	46	52	55	47	36	44	55	62	63	65	57	47	41	47	48	46	52	51	61	61	55	45	54	46	39	39	56	50	52	57	67	51.5
TUSCOLA	MAX	63	76	68	53	65	73	81	85	84	87	86	59	70	77	74	73	78	84	82	80	74	76	80	72	79	77	74	79	85	87	85	76.3
	MIN	38	47	50	46	36	44	54	68	62	65	57	45	42	46	47	45	48	54	59	56	49	42	50	46	42	40	52	46	50	57	67	50.0
VANDALIA 3 SW	MAX	56	71	75	63	56	66	75	83	86	90	86	65	57	72	78	73	74	80	83	82	74	68	75	80	68	71	67	73	79	83	86	74.0
	MIN	51	55	51	49	45	44			65	66	64	46	44	48	46	48	49	52	53	58	52	41	42	47	45			51		58	56	51.0
WINDSOR	MAX	66	76	65	52	64	73	82	86	84	85	84	70	70	75	70	73	78	83	81	77	71	75	77	74	70	68	70	80	82	85	84	75.2
	MIN	38	48	51	40	36	46	55	62	65	65	55	43	43	42	43	42	50	55	60	58	50	40	54	44	38	38	50	50	51	60	60	49.4
. . .																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	73	71	68	56	68	65	79	81	81	85	77	59	69	79	77		79	82	85	75	65	64	78	76	68	75	75	80	82	80	84	74.5
	MIN	41	49	55	48	38	44	54	66	61	65	56	46	43	47	55		48	59	62	62	57	52	60	47	42	43	55	57	55	61	63	53.0
BELLEVILLE SO ILL UNIV	MAX	70	75	65	57	67	71	81	85	84	84	84	58	73	80	81	74	80	83	82	79	73	75	78	75	71	76	76	78	83	84	85	76.4
	MIN	42	45	55	49	34	43	56	65	63	64	52	46	40	46	46	44	50	49	61	60	54	45	43	46	39	38	54	46	50	58	62	49.8
CAHOKIA	MAX	53	62	66	66	56	68	67	82	78	76	74	68	62	69	75	69	67	81	85	81	73	68	75	69	70	70	72	70	81	84	79	71.5
	MIN	43	44	50	44	37	48	53	54	54	54	55	47	45	45	45	45	45	45	64	61	55	47	52	49	47	42	53	49	55	61	62	50.0
CAIRO WSO CI	MAX	75	70	70	57	68	63	81	84	82	87	76	60	70	80	76	76	81	85	87	71	66	65	78	67	69	77	77	82	83	81	81	75.0
	MIN	50	61	57	49	47	52	59	69	69	71	57	50	48	57	60	58	61	61	68	66	61	56	63	54	51	49	59	64	66	68	67	59.0
CARBONDALE SEWAGE PL	MAX	64	73	73	68	53	67	68	79	83	82	85	73	57	71	78	73	73	79	83	84	70	66	67	77	65	69	76	76	79	83	80	73.4
	MIN	41	49	56	49	37	40	51	61	66	65	66	47	39	46	54	43	49	49	58	63	57	50	51	49	43	37	44	53	54	61	65	51.4
CARLYLE RESERVOIR	MAX	62	70	75	63	54	65	72	81	85	87	85	61	57	72	78	73	73	78	82	82	72	65	73	78	67	70	74	74	77	82	84	73.3
	MIN	46	48	58	50	39	47	55	59	65	64	58	46	41	49	49	49	53	56	62	61	53	49	50	45	39	42	42	51	56	62	66	51.9
DU QUOIN 4 SE	MAX	71	76	65	55	66	70	81	85	87	87	72	56	74	81	71	73	80	86	84	71	65	69	78	66	68	77	76	79	85	84	86	75.0
	MIN	41	50	53	45	37	43	55	66	65	67	48	45	40	48	48	45	51	51	65	61	55	50	56	46	43	39	54	53	55	61	66	51.7
KASKASKIA R NAV LOCK	MAX	64	72	75	66	55	67	70	82	86	85	82	63	60	70	81	74	75	80	85	85	71	65	72	77	67	70	78	76	82	83	84	74.3
	MIN	37	49	56	47	38	42	53	59	65	67	61	48	46	48	52	49	52	57	58	65	57	50	51	48	44	44	48	58	58	59	66	52.6
MARION 4 NNE	MAX	66	74	75	70	52	68	70	81	85	84	85	75	60	72	80	72	74	81	84	84	69	66	68	77	66	69	75	77	80	83	82	74.4
	MIN	38	43	55	47	36	37	47	56	65	66	66	47	40	41	49	45	45	51	52	62	57	50	50	49	40	38	45	56	55	59	63	50.0
NASHVILLE 4 NE	MAX	67	75	64	57	65	71	81	84	82	85	81	55	72	79	77	71	77	83	81	75	70	71	77	72	68	74	73	77	81	82	84	74.5
	MIN	42	52	51	46	39	47	55	65	65	67	53	46	44	49	50	48	53	57	64	61	55	46	55	44	40	44	54	49	55	62	65	52.4
SPARTA	MAX	73	76	64	55	70	71	82	85	85	87	85	58	73	83	79	75	82	85	85	80	70	72	77	73	70	78	77	80	84	83	88	76.9
	MIN	41	50	55	46	35	49	57	67	64	65	54	46	43	51	51	45	52	54	63	61	55	48	54	48	44	42	52	51	57	62	66	52.5
WATERLOO	MAX	60	75	75	58	55	70	74	85	89	85	86	66	62	75	82	74	77	82	85	82	72	66	75	75	67	70	77	76	82	84	85	75.0
	MIN	42	49	57	48	35	45	57	65	63	65	53	46	42	48	48	45	50	54	63	60	54	46	53	46	40	40	53	49	57	61	62	51.5
. . .																																	
SOUTHEAST 09																																	
ALBION	MAX	69	76	66	61	65	72	81	85	87	85	79	69	78	79	74	79	84	83	80	72	72		77	70	70	75	81	84	85	84	84	76.9
	MIN	47	50	59	44	37	48	56	65	66	67	56	43	50	53	48	49	54		62	55				41	40		52	54	55	57	64	52.8
BROOKPORT DAM 52	MAX	75	73	70	68	67	65	80	82	82	86	82	68	73	79	75	75	80	84	81	78	68	64	77	76	69	75	77	80	81	79	83	75.9
	MIN	40	56	59	47	39	45	54	64	65	66	67	48	43	49	55	46	49	50	59	64	60	55	61	50	44	40	58	58	56	63	62	53.9
DIXON SPRINGS AGR C	MAX	75	75	68	65	68	68	81	86	86	86	86	67	69	77	78	74	80	83	83	82	68	64	76	76	67	73	75	79	82	82	83	76.2
	MIN	41	52	59	47	37	43	57	67	65	67	67	47	37	46	54	46	48	49	59	64	58	50	61	48	43	39	54	59	52	62	62	52.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
		DAY OF MONTH																															
FAIRFIELD RADIO WFIW	MAX	69	75	63	56	64	71	81	85	82	85	85	59	71	78	78	74	76	83	82	78	72	71	77	75	68	70	75	78	80	83	83	75.1
	MIN	46	52	56	47	34	42	53	63	64	66	59	42	39	48	50	41	48	49	57	59	54	46	52	44	40	36	53	58	48	55	65	50.5
HARRISBURG	MAX	74	78	71	63	68	75	86	90	88	91	85	61	75	82	77	75	83	88	84	82	70	67	79	75	70	78	77	82	87	83	88	78.5
	MIN	42	49	58	46	38	43	55	66	65	66	59	48	41	47	55	45	48	50	60	63	58	50	60	48	44	39	57	58	54	59	58	52.5
MC LEANSBORO 2 ENE	MAX	63	69	76	66	52	66	71	81	85	86	86	76	63	70	77	72	71	77	83	82	70	70	69	75	65	68	73	74	78	81	82	73.5
	MIN	43	46	58	46	37	40	40	56	65	67	67	47	41	46	52	42	52	51	61	61	55	52	48	46	41	39	47	54	51	59	61	50.7
MT CARMEL	MAX	64	70	76	66	52	65	72	82	84	84	86	77	59	69	78	75	73	78	84	79	71	69	73	79	67	71	72	75	80	84	84	74.1
	MIN	40	48	53	46	37	39	49	58	65	67	67	47	42	45	52	47	50	53	58	63	56	47	48	47	43	39	44	51	53	58	63	50.8
MT VERNON 3 NE	MAX	75	75	69	67	67	78	79	83	85	85			72	81	73	79	80	81	81	83	84	74	72	71	76	74	73	75	72	76	84	76.7
	MIN																																
RENO LAKE DAM	MAX	62	71	77	76	55	67	71	82	86	85	87	71	58	73	80	73	73	80	84	84	71	65	69	78	66	69	75	76	78	83	83	74.5
	MIN	46	49	59	47	42	42	56	62	65	68	66	47	42	49	52	50	53	54	62	62	59	50	50	47	42	41	54	55	55	60	60	53.1
ROSICLARE	MAX	74	73	67	67	67	67	82	84	83	85	84	65	69	77	73	72	78	82	80	79	69	65	75	73	68	73	74	77	81	81	81	75.0
	MIN	39	51	59	44	37	40	51	65	64	64	58	48	41	46	52	43	45	47	56	63	57	51	61	43	41	40	57	58	51	58	65	51.5

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
• • • NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	-	-	-	-	-	-	-	-	.30	-	.29	-	-	.02	.04	-	.04	.04	.01	.03	.03	.26	-	-	.14	.28	-	.23	.25	-	-	-
	WIND	37	38	18	52	117	98	90	109	114	56	61	89	25	59	20	41	42	70	51	43	61	29	33	86	61	54	9	39	30	25	28	1685
	MAX	70	70	74	74	47	53	58	57	69	71	69	56	56	55	67	79	82	84	87	86	83	83	83	83	76	78	61	81	86	87	92	72.8
	MIN	36	39	39	42	41	47	42	44	57	61	56	49	49	51	49	49	49	54	62	58	50	48	59	46	44	47	48	55	54	55	56	49.5
• • • EAST 05																																	
URBANA	EVAP	.15	.11	.18	.04	.05	.15	.24	.24	.27	.22	.19	.11	.04	.16	.15	.20	.22	.22	.24	.16	.16	.22	.18	.21	.19	.29	.15	.25	.27	.29	.22	5.77
	WIND	-	-	-	-	25	37	98	95	94	45	51	64	23	70	49	42	29	47	50	42	41	41	43	83	74	66	52	54	28	43	7	15998
	MAX	62	67	74	58	55	72	77	82	87	89	88	69	56	78	76	78	83	83	87	85	83	77	80	79	67	74	70	80	84	89	88	76.7
	MIN	38	39	45	45	40	41	47	52	61	61	65	45	42	42	48	48	48	50	53	53	47	40	40	43	38	38	45	45	48	47	55	46.7
• • • WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.19	.20	.10	.11	.20	.33	.36	.35	.29	.30	.22	.10	.20	.28	.25	.28	.39	.37	.33	.14	.35	.22	.33	.31	.30	.11	.21	.31	.35	.39	.27	8.14
	WIND	85	121	120	75	57	106	158	160	114	97	126	69	50	76	69	47	111	78	87	36	108	46	74	162	93	52	55	49	47	61	60	2649
	MAX	68	73	65	60	75	79	85	88	89	88	85	70	78	81	77	83	84	88	84	78	76	84	83	74	75	72	86	89	91	89	88	80.2
	MIN	43	50	55	48	44	49	54	65	65	67	59	49	48	52	50	50	54	57	64	59	50	45	57	45	42	45	54	53	55	62	66	53.4
• • • SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.19	.16	.28	.06	.08	.19	.24	.28	.45	.15	.26	.12	.06	.20	.22	.22	.23	.28	.26	.24	.07	.23	.14	.30	.29	.35	.23	.15	.30	.30	.19	6.72
	WIND	70	64	104	121	93	69	125	141	126	61	82	74	49	55	57	46	41	58	63	48	54	99	33	127	135	103	67	34	27	35	40	2301
	MAX	67	75	73	61	54	75	79	83	87	88	88	65	65	80	81	80	82	82	85	85	69	71	78	80	70	73	65	82	88	89	87	77.0
	MIN	43	46	52	48	40	40	49	54	64	64	64	47	46	46	51	52	52	53	65	61	52	46	47	46	42	41	45	54	58	58	62	51.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS	7	38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER	4	41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE	1	41 45	88 21	644	M10	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	M10	M10		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	6P	7A			DALLAS A PRICE
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	540				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	M10	M10		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSCMO R	1577	02	COOK	3	41 47	87 45	627	M10	M10		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL	3	41 27	87 38	664				C	VILLAGE OF CRETE
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON	1	39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		7A		C	DORRIS C GRISSOM
DIXON	2348	01	LEE	6	41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	M10	M10			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE	1	42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	M10	7A			CITY WATERWORKS
GALVA	3335	01	HENRY	1	41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY	6	41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD 1 S	3666	06	GREENE	1	39 20	90 12	550				C	WILLIAM C MENG
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	7A	7A			TIMOTHY G DEST
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	7A	7A		C H	JERRY SYMONS
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	7A	7A			JAMES L SAMPSON
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	5P	5P		H	MRS D B PACE JR
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL	4	42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON	1	40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES	7	39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	7A	7A		H	RICHARD G BRUWN
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY	1	41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	7A	7A		H	CITY OF MORRISON
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL	4	42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	6P	6P			MRS MARY A DODLEY
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE	6	42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE	1	41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL	1	41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		7A			VERNON H LUCHT
RENO LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION	2	38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE	2	38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS	1	39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE	4	38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL	1	41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX	1	40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
‡	DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

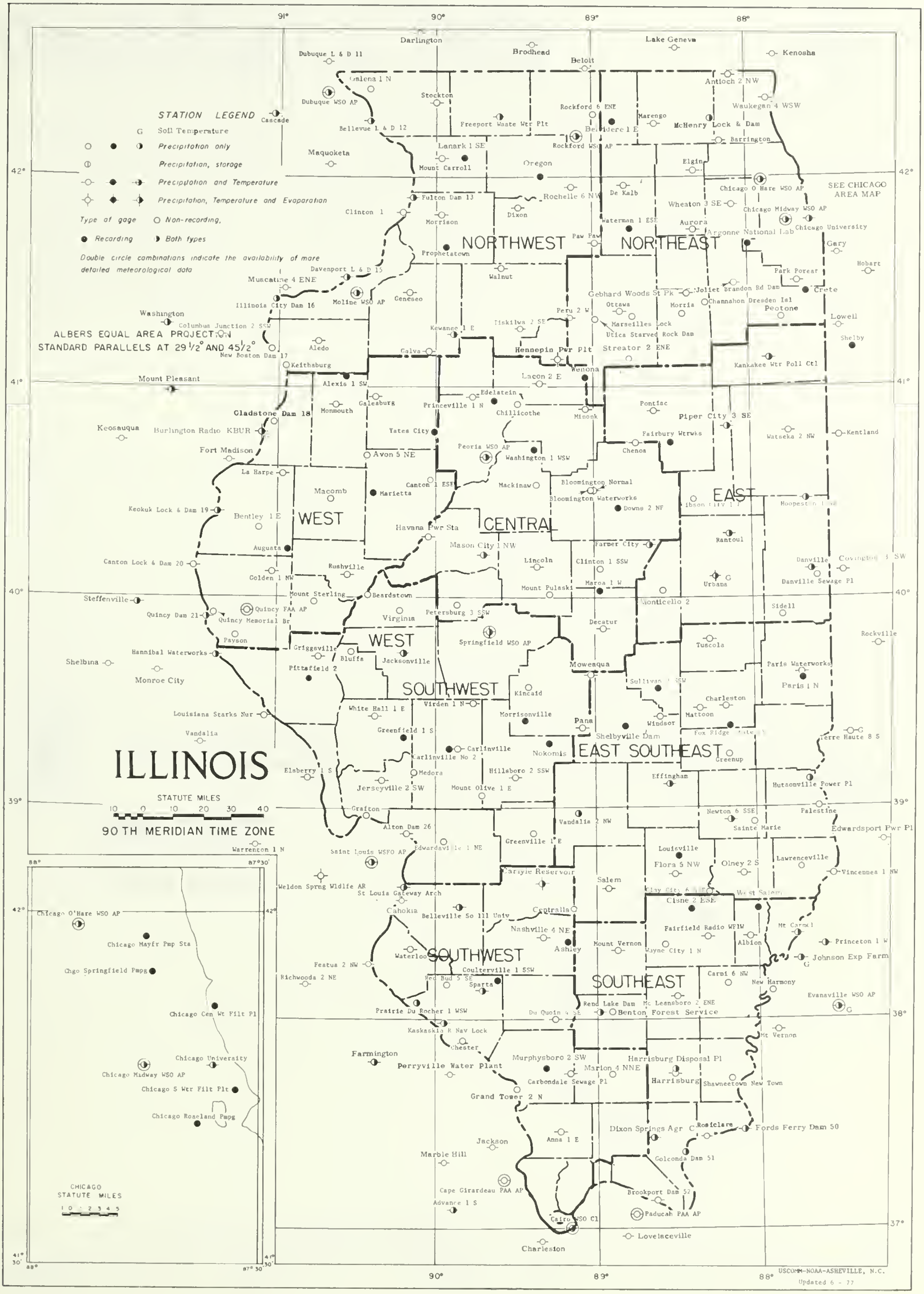
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-⊕- -◆- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90TH MERIDIAN TIME ZONE
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
SEE CHICAGO AREA MAP
Darlington
Lake Geneva
Kenosha
Brodhead
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Stockton
Dubuque WSO AP
Cascade
Rockford 6 ENE
Marengo
Waukegan 4 WSW
Freeport Waste Wtr Plt
Belvidere 1 E
McHenry Lock & Dam
Bellevue L & D 12
Rockford WSO AP
Barrington
Lanark 1 SE
Maquoketa
Mount Carroll
Oregon
Elgin
Fulton Dam 13
Rochelle 6 NW
De Kalb
Chicago O Hare WSO AP
Clinton 1
Dixon
Wheaton 3 SE
Chicago Midway WSO AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Paw Paw
Argonne National Lab
Prophetstown
Gary
Davenport L & D 15
Hobart
Walnut
Muscatine 4 ENE
Park Forest
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Moline WSO AP
Geneseo
Channahon Dresden Isl
Ottawa
Morris
Illinois City Dam 16
Peotone
Washington
Peru 2 W
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Tiskilwa 2 SE
Utica Starved Rock Dam
Kewanee 1 E
Shelby
Aledo
Streator 2 ENE
New Boston Dam 17
Hennepin Pwr Plt
Galva
Kankakee Wtr Poll Ctl
Keithsburg
Wenona
Mount Pleasant
Lacon 2 E
Alexis 1 SW
Edelstein
Galesburg
Princeville 1 N
Pontiac
Monmouth
Chillicothe
Minonk
Piper City 3 SE
Gladstone Dam 18
Keosauqua
Burlington Radio KBUR
Yates City
Fairbury Wtrwks
Watseka 2 NW
Kentland
Fort Madison
Peoria WSO AP
Chenoa
Avon 5 NE
Washington 1 WSW
La Harpe
Canton 1 ESE
Mackinaw
Bloomington Normal
Macomb
Marietta
Bloomington Waterworks
Gibson City 1 E
Hoopeston
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana Pwr Sta
Farmer City
Rantoul
Mason City 1 NW
Augusta
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Rushville
Golden 1 NW
Urbana
G
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
Mount Sterling
Beardstown
Steffenville
Monticello 2
Quincy FAA AP
Sidell
Virginia
Petersburg 3 SSW
Quincy Dam 21
Quincy Memorial Br
Decatur
Payson
Rockville
Springfield WSO AP
Griggsville
Tuscola
Hannibal Waterworks
Bluffs
Jacksonville
Shelbina
Monroe City
Moweaqua
Paris Waterworks
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
Louisiana Starks Nur
White Hall 1 E
Virden 1 N
Mattoon
Morrisonville
Windsor
Vandalia
Pana
Terre Haute 8 S
Greenfield 1 S
Shelbyville Dam
Fox Ridge State Pk
Carlinville
Nokomis
Greenup
Carlinville No 2
Elsberry 1 S
Medora
Hillsboro 2 SSW
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
Palestine
Grafton
Vandalia 2 NW
Newton 6 SSE
Sainte Marie
Edwardsport Pwr Pl
Alton Dam 26
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
Louisville
Saint Louis WSFO AP
Flora 5 NW
Olney 2 S
Lawrenceville
Carlyle Reservoir
Vincennes 1 NW
Weldon Sprng Wldlfe AR
Salem
St Louis Gateway Arch
Clay City 6 SSE
West Salem
Cisne 2 ESE
Cahokia
Belleville So Ill Univ
Centralia
Mt Carmel
Fairfield Radio WFIW
Princeton 1 W
Nashville 4 NE
Ashley
Mount Vernon
Albion
Johnson Exp Farm
Waterloo
Wayne City 1 N
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
New Harmony
Richwoods 2 NE
Red Bud 5 SE
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Fords Ferry Dam 50
Jackson
Anna 1 E
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO Cl
Lovelaceville
Charleston
88°
87°30'
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
1 0 1 2 3 4 5
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

U.S.MAIL

THIRD CLASS

BULK RATE

JUNE 1979 VOLUME 84 NUMBER 6

Climatological Data

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	HILLSBORO	100	DATE 16
LOWEST TEMPERATURE:	MARENGO	39	DATE 25
GREATEST TOTAL PRECIPITATION:	ELGIN	8.59	
LEAST TOTAL PRECIPITATION:	VIRGINIA	.49	
GREATEST 1 DAY PRECIPITATION:	ELGIN	4.56	DATE 09

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	29	NW	10	-	-	-	-	1	2	3	0	0	0	6	71	-
CHICAGO O HARE WSO AP	19	1.5	10.8	26++	18	20	68	76	55	51	2	4	3	4	1	0	14	-	5.9
CHICAGO MIDWAY WSCMO AP	18	1.8	10.7	31	SE	20+	67	74	55	52	3	5	3	3	0	0	14	73	6.1
MOLINE WSO AP	21	3.0	10.9	33	SW	20	72	78	50	49	6	7	1	3	0	0	17	52	5.5
PEORIA WSO AP	21	3.1	10.1	32	NW	10	75	81	53	52	9	2	5	1	0	0	17	74	5.8
ROCKFORD WSO AP	21	2.1	10.9	31++	23	20	73	77	55	50	3	4	4	5	0	0	16	-	5.7
SPRINGFIELD WSO AP	21	4.6	11.0	33	NW	29	70	76	44	45	5	4	4	0	0	0	13	74	5.7

CLEMSON UNIVERSITY LIBRARY
OCT 19 1979
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JUNE 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
■ ■ ■ NORTHWEST 01																							
ALEDO	83.8	60.5	72.2	.9	90	19+	48	25+	6	2	0	0	0	2.46	- 2.15	.87	9	.0	0		5	3	0
DIXON	80.5	57.5	69.0	- 1.6	90	7	46	25	25	1	0	0	0	2.51	- 1.69	.63	13	.0	0		7	1	0
FREEPORT WASTE WTR PLT	79.8	56.7	68.3		91	7	44	25	35	1	0	0	0	5.99		1.30	5	.0	0		9	6	3
FULTON DAM 13	80.1	59.2	69.7	- .9	89	20+	49	25	16	0	0	0	0	1.26	- 3.17	.81	10	.0	0		3	1	0
GALVA	81.0	58.4	69.7	- 1.3	90	21+	46	24	20	2	0	0	0	2.36	- 2.30	.74	19	.0	0		5	2	0
GENESEO	82.4	61.0	71.7		92	6	48	25	11	3	0	0	0	3.01	- 1.53	1.06	12	.0	0		6	3	1
HENNEPIN POWER PLANT	82.2M	58.5	70.4M		91	7	44	25	8	1	0	0	0	4.03		1.52	10	.0	0		7	3	2
KEWANEE 1 E	81.0	58.1	69.6	- 1.6	90	21+	44	25	24	2	0	0	0	2.53	- 1.95	.69	8	.0	0		5	3	0
MOLINE WSO AP R	82.9	59.5	71.2	.4	92	6	46	25	12	5	0	0	0	2.85	- 1.57	.93	12+	.0	0		4	3	0
MORRISON	80.7	54.0M	67.4M	- 3.1	90	7	46	26+	34	1	0	0	0	2.39	- 2.06	1.23	10	.0	0		5	2	1
MOUNT CARROLL	79.4	56.2	67.8	- 1.5	90	6	41	24	37	1	0	0	0	4.43	- .16	1.32	13	.0	0		8	3	2
PAW PAW	80.2	55.5	67.9		92	21+	44	25	36	3	0	0	0	2.98	- 1.19	.69	10	.0	0		7	3	0
ROCHELLE	80.5	53.8M	67.2M		89	21+	44	26+	39	0	0	0	0	4.94		1.27	5	.0	0		10	4	2
ROCKFORD WSO AP //R	79.8	56.9	68.4	- .4	90	20	43	25	27	1	0	0	0	4.75	.33	.97	28	.0	0		9	5	0
STOCKTON 1 N	78.3	55.8	67.1		89	6	42	25	37	0	0	0	0	6.76		1.98	5	.0	0		9	5	3
TISKILWA 2 SE	82.5	60.5	71.5		92	6	43	25	12	1	0	0	0	5.23	1.23	1.64	8	.0	0		6	4	2
WALNUT	83.1	58.9	71.0	- .5	93	15	45	24	8	3	0	0	0	2.93	- 1.34	.78	13	.0	0		9	1	0
DIVISION			69.4	- .9										3.61	- .76			.0					
■ ■ ■ NORTHEAST 02																							
ANTIOCH 2 NW	78.0	54.4	66.2	- 1.5	87	21+	40	25	61	0	0	0	0	4.74	.74	1.98	9	.0	0		8	3	1
AURORA	80.9	57.1	69.0	- .1	91	20	44	25	28	4	0	0	0	5.34	1.10	1.79	30	.0	0		12	4	1
BARRINGTON	78.6	57.3	68.0		89	21+	41	25	49	0	0	0	0	6.48		2.90	9	.0	0		8	3	2
CHICAGO O'HARE WSO AP R	80.3	58.1	69.2	1.1	93	8	44	25	30	3	0	0	0	4.63	.48	1.07	8	.0	0		8	5	1
CHICAGO UNIVERSITY //	80.6	59.1	69.9	1.0	91	16	48	25	21	1	0	0	0	4.62	.83	2.17	30	.0	0		7	4	1
CHICAGO MIDWAY WSCMO //R	78.9	59.8	69.4	- 1.1	90	8	48	25	28	1	0	0	0	3.09	- .86	.80	29	.0	0		6	3	0
DE KALB	82.6	59.2	70.9	1.4	90	7+	45	25+	9	2	0	0	0	4.33	- .03	1.05	29	.0	0		8	4	1
ELGIN	78.8	55.4	67.1		89	7	44	25	42	0	0	0	0	8.59	4.31	4.56	9	.0	0		9	4	2
GEBHARD WOODS ST PARK	83.7	59.0	71.4		94	21+	43	25	18	9	0	0	0					.0	0				
JOLIET BRANDON RD DAM	81.1	59.5	70.3	- .3	92	21	49	25+	17	2	0	0	0	5.58	1.75	1.78	1	.0	0		8	3	2
MARENGO	82.6	56.4	69.5	.9	92	6	39	25	24	3	0	0	0	4.01	- .14	1.10	29+	.0	0		9	3	2
OTTAWA	86.8	60.8	73.8	1.9	94	20+	46	25	1	10	0	0	0	2.07	- 2.06	.41	13+	.0	0		6	0	0
PARK FOREST	80.1	57.7	68.9		91	7	46	25+	29	1	0	0	0	3.51	- .68	.95	8	.0	0		7	2	0
PERU 2 W	85.7	58.7M	72.2M	.3	94	7+	46	25+	7	7	0	0	0			2.35	8	.0	0				1
WAUKEGAN	77.0	53.4	65.2	- 1.9	91	21	40	25	74	1	0	0	0	3.63	- .39	1.12	29	.0	0		8	2	1
WHEATON 3 SE	83.7M	57.9M	70.8M		92	21+	41	25	16	6	0	0	0					.0	0				
DIVISION			69.5	- .2										4.66	.56			.0					
■ ■ ■ WEST 03																							
GALESBURG	82.3	59.7	71.0		91	20	49	1	8	4	0	0	0	1.73	- 3.09	1.19	10	.0	0		2	1	1
GOLDEN 1 NW	85.9	61.4	73.7		93	21+	50	25+	1	7	0	0	0	1.20	- 3.31	.27	10	.0	0		5	0	0
LA HARPE	84.5	59.9	72.2	.1	91	21+	49	24+	4	3	0	0	0	3.13	- 1.97	1.21	13	.0	0		6	2	2
MONMOUTH	83.2	59.0	71.1	- .1	90	21+	47	24	7	3	0	0	0	2.56	- 2.25	.95	10	.0	0		3	2	0
QUINCY FAA AP	84.3	63.5	73.9		94	19	53	25+	0	6	0	0	0	2.36	- 2.38	1.04	8	.0	0		7	1	1
QUINCY DAM 21 //	83.5	60.6	72.1		94	19	53	27+	4	3	0	0	0	2.16	- 2.31	.82	10	.0	0		5	2	0
RUSHVILLE	86.1	61.4	73.8	1.2	94	20+	49	24	2	5	0	0	0	2.31	- 2.24	.73	9	.0	0		4	2	0
DIVISION			72.5	.2										2.21	- 2.68			.0					
■ ■ ■ CENTRAL 04																							
CHENOA	85.1	58.5	71.8		94	20+	41	24	7	6	0	0	0	2.38		.70	13	.0	0		6	1	0
DECATUR	88.2	58.8M	73.5M	.4	96	19	46	26+	1	12	0	0	0	.89	- 3.96	.26	9	.0	0		3	0	0
FARMER CITY	85.0	60.3	72.7		93	6+	49	25	1	6	0	0	0	2.51		1.83	9	.0	0		4	1	1
HAVANA 4 NNE	86.3	60.7	73.5		97	20	49	25	4	9	0	0	0	1.27	- 2.81	.52	13	.0	0		4	1	0
LACON 2 E	85.1	60.2	72.7		93	6	44	24	6	5	0	0	0	3.91		1.72	18	.0	0		7	2	1
LINCOLN	86.2	61.6	73.9	1.1	95	20	52	25+	0	7	0	0	0	.80	- 3.92	.39	8	.0	0		2	0	0
MASON CITY 1 NW	86.5	59.1	72.8		95	20	48	25	0	9	0	0	0	.51		.24	13	.0	0		2	0	0
MINONK	84.8	61.2	73.0	2.0	92	21+	48	25	4	6	0	0	0	2.75	- 1.28	.70	13+	.0	0		7	3	0
NORMAL	86.0	61.8	73.9	1.4	93	21+	48	25	3	6	0	0	0	1.89	- 2.36	.72	8	.0	0		5	1	0
PEORIA WSO AP //R	82.9	59.5	71.2	- .1	92	20	48	24	10	6	0	0	0	1.77	- 2.14	.53	8	.0	0		6	1	0
PRINCEVILLE	82.5	57.2	69.9		90	6	42	24	13	1	0	0	0	1.76	- 2.47			.0	0				
DIVISION			72.6	.4										1.86	- 2.42			.0					
■ ■ ■ EAST 05																							
DANVILLE	85.5	59.6	72.6	.7	92	17	47	26	2	6	0	0	0	2.06	- 2.51	.46	7	.0	0		7	0	0
HOOPESTON 1 NE	83.6	60.4	72.0	.3	91	9+	47	25	4	2	0	0	0	2.53	- 1.85	.52	21	.0	0		8	1	0
KANKAKEE WTR POLL CTR	83.2	59.4	71.3		92	7	47	25	6	1	0	0	0	4.78		1.20	9	.0	0		9	3	1
PIPER CITY 3 SE	86.9	59.7	73.3	2.2	95	6	44	25	3	12	0	0	0	1.91	- 1.99	.46	30	.0	0		7	0	0
PONTIAC	85.6	61.4	73.5	1.8	93	6	48	25	4	5	0	0	0	3.06	- .88	.88	8	.0	0		7	2	0
RANTOUL	84.9	59.9	72.4		92	21+	49	25	7	10	0	0	0	3.10	- 1.02	.82	9	.0	0		6	4	0
URBANA	85.0	60.3	72.7	.7	92	19+	50	25+	6	9	0	0	0	1.01	- 3.37	.47	29	.0	0		2	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JUNE 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	82.1	57.9	70.0		90	16+	46	25	15	3	0	0	0	4.03	.16	.84	1	.0	0		9	5	0
DIVISION			72.2	.6										2.81	- 1.33			.0					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	84.8	65.8	75.3		93	21+	53	24	0	6	0	0	0	1.77		.93	29	.0	0		5	1	0
CARLINVILLE	86.8	61.0	73.9	.6	94	20	49	25	1	9	0	0	0	1.65	- 2.72	.52	8	.0	0		4	1	0
GRIGGSVILLE	82.7	63.3	73.0	- .3	91	20+	52	24	2	2	0	0	0	3.00	- 1.55	2.18	8	.0	0		4	1	1
HILLSBORO	89.5	59.5	74.5	1.1	100	16	48	25+	0	18	0	0	0	2.21	- 2.45	.80	24	.0	0			2	0
JACKSONVILLE 2 E	84.2	59.4	71.8	- 1.4	93	21+	49	25	6	4	0	0	0	2.00	- 2.38	1.08	9	.0	0		3	1	1
JERSEYVILLE 2 SW																							
PANA	83.1	61.1	72.1	- 1.3	92	20	50	24	2	3	0	0	0	2.67	- 1.97	1.10	9	.0	0		6	2	1
SPRINGFIELD WSO AP R	87.7	62.1	74.9	2.0	97	19	51	25	0	12	0	0	0	.94	- 3.22	.27	8	.0	0		4	0	0
VIRDEN 1 N	86.3	61.1	73.7		94	19	51	24	1	8	0	0	0	3.27	- 1.01	1.04	8	.0	0		7	3	2
WHITE HALL 1 E	85.8	60.6	73.2	- .1	95	19	52	4+	0	6	0	0	0	3.61	- .90	2.10	8	.0	0		5	2	1
DIVISION			73.6	.0										2.35	- 2.16			.0					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	85.0	60.5	72.8	- .3	91	19+	49	26+	3	5	0	0	0	2.14	- 2.46	1.26	9	.0	0		4	1	1
EFFINGHAM 3 W	82.9	60.1	71.5	- 1.7	91	20	47	26	11	2	0	0	0	3.23	- 1.75	1.43	9	.0	0		5	2	2
FLORA 5 NW	85.3	60.5	72.9	- 1.2	92	22+	47	26	7	7	0	0	0	4.46	- .05	1.97	8	.0	0		6	3	1
MATTOON	84.2	61.2	72.7		92	19+	50	26+	3	5	0	0	0	2.25		.97	8	.0	0		3	2	0
MOWEAQUA	86.6	60.2	73.4		94	19	50	24+	1	9	0	0	0	1.72		.60	8	.0	0		5	1	0
NEWTON 6 SSE	84.7	61.1	72.9		93	20	47	26	4	5	0	0	0	2.02	- 2.25	.75	9	.0	0		5	1	0
OLNEY 2 S	85.4	61.0M	73.2M	- .9	93	19+	48	26+	3	3	0	0	0	2.33	- 2.17	1.08	7	.0	0		6	1	1
PALESTINE	84.4	62.8	73.6	- .8	92	19+	49	26	4	5	0	0	0	4.13	- .19	2.45	7	.0	0		7	2	1
PARIS WATERWORKS	84.0	62.2	73.1	.1	92	17	50	24+	3	3	0	0	0	1.58	- 3.21	.63	8	.0	0		5	1	0
SALEM	86.1	63.0	74.6		94	19	51	11	1	7	0	0	0	2.93		.90	8	.0	0		6	3	0
TUSCOLA	87.1	61.8	74.5		94	17	51	26+	4	11	0	0	0	1.43	- 2.83	.55	8	.0	0		5	1	0
VANDALIA 3 SW	84.9	61.4	73.2		94	21+	50	26	1	5	0	0	0	3.10		1.02	1	.0	0		6	3	1
WINDSOR	84.5	60.2	72.4	- .6	91	18	48	24	5	3	0	0	0	2.93	- 2.07	1.01	8	.0	0		6	2	2
DIVISION			73.1	- .4										2.63	- 1.91			.0					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	85.4M	62.8M	74.1M	- .7	92	21+	52	25	1	8	0	0	0	3.18	- 1.21	1.63	7	.0	0		6	2	1
BELLEVILLE SO ILL UNIV	86.9	61.4	74.2		94	20+	47	25	1	9	0	0	0	3.29		1.39	29	.0	0		4	2	2
CAHOKIA	84.8	61.0	72.9		94	21	50	25	4	6	0	0	0	3.86		1.81	29	.0	0		4	2	2
CAIRO WSO CI R	87.7	68.6	78.2	.5	96	21+	57	11	0	11	0	0	0	.84	- 3.55	.34	7	.0	0		3	0	0
CARBONDALE SEWAGE PL	84.3	62.4	73.4	- 1.8	92	22	49	11	3	3	0	0	0	4.68	.67	2.61	24	.0	0		3	3	2
CARLYLE RESERVOIR	84.9	62.6	73.8	- .9	93	22+	51	24	2	6	0	0	0	4.66	- .01	2.17	29	.0	0		8	2	2
DU QUOIN 4 SE	86.3	61.6	74.0	- 1.0	95	21	49	11	3	9	0	0	0	2.11	- 1.84	1.02	7	.0	0		3	2	1
KASKASKIA R NAV LOCK	86.6	63.3	75.0		97	22	52	12+	1	10	0	0	0	2.70		1.12	24	.0	0		4	2	1
MARION 4 NNE	84.7	61.4	73.1		92	22+	49	11	5	5	0	0	0	2.96	- .78	1.00	7	.0	0		6	2	1
NASHVILLE 4 NE	85.8	63.5	74.7		95	20+	52	24+	1	7	0	0	0	2.45	- 1.84	1.04	9	.0	0		5	2	1
SPARTA	87.5	63.7	75.6	.4	97	21	52	25	0	10	0	0	0	1.53	- 2.46	.41	8	.0	0		4	0	0
WATERLOO	84.8	61.9	73.4		94	22	50	11	7	7	0	0	0	2.04	- 2.06	.81	29	.0	0		6	1	0
DIVISION			74.4	- .7										2.86	- 1.46			.0					
• • •																							
SOUTHEAST 09																							
ALBION	86.7	64.2	75.5		93	19+	50	11	0	10	0	0	0	3.18	- 1.23	1.36	7	.0	0		6	3	1
BROOKPORT DAM 52	85.7	63.5	74.6		93	19	49	11	0	7	0	0	0	8.34	4.29	4.23	8	.0	0		4	4	3
DIXON SPRINGS AGR C	85.0	61.8	73.4		93	19	48	25+	6	9	0	0	0	2.40		1.00	7	.0	0		6	1	1
FAIRFIELD RADIO WFIW	85.6	60.3	73.0	- 1.2	93	17	47	11	5	9	0	0	0	4.03	- .32	1.51	7	.0	0		6	4	1
HARRISBURG	88.2	63.7	76.0	.2	96	19	49	11	0	16	0	0	0	4.42	.51	2.69	23	.0	0		6	2	1
MC LEANSBORO 2 ENE	85.3	62.1	73.7	- 1.6	93	20	50	11	2	7	0	0	0	2.46	- 1.55	.69	8	.0	0		5	2	0
MT CARMEL	86.0	63.8	74.9		94	23+	50	11	1	8	0	0	0	3.08		1.69	8	.0	0		4	2	1
MT VERNON 3 NE	86.5	59.3	72.9	- 1.8	94	22	48	29+	1	8	0	0	0	1.97	- 2.19	.51	29	.0	0		6	1	0
RENO LAKE DAM	85.6	62.8	74.2		94	22	51	11	0	8	0	0	0	2.23		.75	24	.0	0		3	3	0
ROSICLARE	83.1	60.7	71.9		91	19	45	25	6	1	0	0	0	3.15	- 1.04	1.09	8	.0	0		6	2	2
DIVISION			74.0	- 1.0										3.53	- .71			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x NORTHWEST 01																																
ALEDO	2.46					.09			.50	.87	.34			.55																.11		
DIXON	2.51					.46			.36	T	.41	T		.63					.03	.22	T				T					.28	.12	
FREEPORT WASTE WTR PLT	5.99					1.30			.86	.01	1.00	T	.05	.12					.53	.50	.27									1.05	.30	
FULTON DAM 13	1.26	T				T			.02	T	.81			.04					.08	.10	.17										.03	
GALENA 1 N	5.42	.05				.17	.03		.72		.43	T	T	1.10					.87		.50							T	T	1.40	.05	
GALVA	2.36					.05			.08	.15	.71			.46						.74	.10		.01						.02		.04	
GENESEO	3.01				T			.03	.21	.57	.25		1.06	.23				.04	.51		.04			.04	T			T		.02	.01	
HENNEPIN POWER PLANT	4.03					.18		.01	.18	1.13	1.52	.02		.04	.02				.01	.71									.11		.10	
ILLINOIS CITY DAM 16 //	2.48	T				.14			T	.06	1.60	T	T	.68	T					T			T					T				
KEITHSBURG	1.85					.04			.13	.04	1.10	.01		.39											.08			T	.04		.02	
KEWANEE 1 E	2.53					T		T	.68	T	.60	T	T	.58					T	.35	.05		.01		T				.01		.24	
MOLINE WSO AP R	2.85				T			T	.09	.93	.58	T	.83	.03				.01	.15	T	T		.03	.02				T		.01	.07	
MORRISON	2.38					.15					1.23		T	.68					T	.09	.12				T						.12	
MOUNT CARROLL	4.43					.24			.05	T	1.14		T	1.32					.17	.26	.12				T					.98	.15	
NEW BOSTON DAM 17	1.90									.04	1.10	T		.50						T	T				.16			T	.10		T	
PAW PAW	2.98					.25				.67	.69	.02	.20	.59					.03	.18										.32	.03	
ROCHELLE	4.84					1.27				.82	1.00		.20	.15					.25	.23	.15									.63	.14	
ROCKFORD 6 ENE	4.86					.04		.04	.12	1.41	.67			.84					.53	.13	.14									1.02	.02	
ROCKFORD WSO AP //R	4.75				.11	.09		.79	.83	.37	.10	T	.01	T				.02	.50	T	.17								.97	.61	.08	
STOCKTON 1 N	6.76					1.98			.31	.01	1.09			.31					1.11	.21	.50									.85	.39	
TISKILWA 2 SE	5.23							.42	1.64	.05	1.27			.70					.80				.17					T	.08	T	T	
WALNUT	2.93				T	.41		.15	.12	.17	.40		T	.78					.13	T										.30	.47	
x x x NORTHEAST 02																																
ANTIOCH 2 NW	4.74	.03				.02			.67	1.88	.76	.02							.13	.01		.23							.15	.37	.37	
AURORA	5.34	.50				.38			.84	.14	.40	.03	.01	.11					.56	.15	.10								.10	.13	1.79	
BARRINGTON	6.48	.15			T				.79	2.90	.41								.17		.28								T	1.48	.30	
CHANNAHON DRESDEN ISL	2.57	.04				.26			.43	.24	.21		.25	.56					T	.22										.07	.29	
CHICAGO O'HARE WSO AP R	4.63				.02	.02		.64	1.07	.16	.25			.18				.02	.66	T	T								.86	.67	.08	
CHICAGO UNIVERSITY //	4.62	.01				.07		.65	.06	.02	.55			.09					.52	.11	.02	.16								.19	2.17	
CHICAGO MIDWAY WSCMO //R	3.09			T	T	.15		.78	.06	.03	.37		T	.01					.54	.07									.21	.80	.07	
DE KALB	4.33					.52		.10	.32	.45	.76		.05	.20					.87		.01									1.05		
ELGIN	8.59	.37				.19			.35	4.56	.60								.42		.48									1.10	.52	
GEBHARD WOODS ST PARK	–								.81	.14	.14	T		.52	T				–	–										–	–	
JOLIET BRANDON RD DAM	5.58	1.78				.40			.86	.05	.39		.04	.25					.02	.28										.17	1.23	
MARENGO	4.01					.10		.15	.15	.23	1.10			.05					.73		.25								.05	1.10	10	
MARSEILLES LOCK	1.61					.21			.32	.08	.04	T	T	.33					.01	.21	.03				T				.01	.17	.20	
MC HENRY LOCK AND DAM	6.18	.54				T			.81	.84	1.33	.01							.21	T	.15	T								1.16	1.13	
MORRIS	2.59	T				.18			.76	.12	T	.14	.03	.52	.03				.02	.23	T									.25	.30	
OTTAWA	2.07					.18		.41		.30	.07			.41				.01	.25		.04								.01	.38		
PARK FOREST	3.51	.26				.21		.02	.85	.02	.22	.06		.06					.02	.29		.06								.43	.91	
PEOTONE	–	.30				.24			–	.28	.11		.05	.33					.05	.23		.52								.74	.80	
PERU 2 W	–					.16	.30		2.35	.67									.20				T								–	
STREATOR 2 ENE	3.17					.22		.45	.05	.04	.15		.02	.38					.96				.11		.03				.01	.06	.69	
UTICA STARVED ROCK DAM	3.19					.06		.38	.13	1.57	.05			.45					.05	.25	T				T				.14	.03	.08	
WAUKEGAN	3.63	T				.03			.63	.37	.40	.01							.10	.01		.45							.14	1.12	.37	
WHEATON 3 SE	–	.87							.56	.32	.10	.06							.45	.33										.73	–	
x x x WEST 03																																
AVON 5 NE	2.05					.16			.15	.12	1.24			.28		T			T	.05										T	.05	
BENTLEY 1 E	2.48				T			.15	.13	.48	.71			.22					.15		.03		.22	.33	.03			T	.03			
CANTON 1 ESE	1.85							.50	.53	T	.17			.60					.04				T					.01		T	T	
GALESBURG	1.73					.08			.08	T	1.19			.24						.08	T			T					.03	.02	.01	
GLADSTONE DAM 18	1.78	T				T			T	.38	.78			.48						.05			T		.09				T			
GOLDEN 1 NW	1.20							.18	.23	.23	.27			.09											.08			T	.11			
LA HARPE	3.13								.17		1.06		T	1.21						.12			.17		.40			T		T		
MACOMB	2.95								.22	.16	1.40			.65					T	.25			.03		.15					.02	.07	
MONMOUTH	2.56					.07		.07	.03	.86	.85			.32					.08				.03	.01	.01			.05		.07		
MOUNT STERLING	–							.40	.50	.23	–			.07						.02			.08							.18		
PAYSON	2.72		T	T				.12	1.65	.04	.25			.44						T	T		.04		.07				T	.11		
QUINCY FAA AP	2.36		T					.17	1.04	.17	.31		.04	.14				T	.01		.03		.15	.07				T	.23			
QUINCY DAM 21 //	2.16							T	.57		.82			.44					T	.17			T		.02				.02	.12		
QUINCY MEMORIAL BRIDGE	2.92		T					T	.77	.20	1.07			.45					T	T	.23		.10	T	.05				.04	.01		
RUSHVILLE	2.31							.70	.35	.73	.33			.05						.04	T		.04	T	.02			.01	.02	.02		
x x x CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.75								.22	.76	.28			.30						.12	.02		T		.05				T		T	
CHENOA	2.38		T					.40	.05	T	.47		.03	.70					.41				T	T					.10	.22	T	
CHILLICOTHE	2.91							T	.80	.43	.45			.57						.31	.08								.27			
CLINTON 1 SSW	1.21							.03	.36	.04	.36			.16	.13						.03				.06				T		.04	
DECATUR	.89							T	.02	.26	.22	.02	T	T	.23						.06				.08					T	T	
FARMER CITY	2.51								.13	1.83	.25			.22	.04																.04	
HAVANA 4 NNE	1.27								.45	.15	.13			.52									.02						T	T		
LACON 2 E	3.81					.01		40	.29	.21	.11			.78					1.72		.05		.05	.02	.02			.08	.13	.04		
LINCOLN	.80	.02							.38	.10	.09	.02		.09							.07				.02							
MACKINAW	2.38		T					1.31	.40		.22		T	.23					.05		.10		.07					T	T	T		
MASON CITY 1 NW	.51							.05	.05		.17			.24					T											T		
MINONK	2.75					T		T	.70	.40	.10		T	.70						.55	.10		.20									
MOUNT PULASKI	1.74	.14						.01		.37	.71	.01		.07	.28						.09				.05							
NORMAL	1.89		T					.36	.72	.01	.30		T	.28					.17	T	.01		T		.04				T	T	T	
PEORIA WSO AP //R	1.77				T		.02	.45	.53	T	.10		.22	T				T	.24		T		.05	T				T	T	.16	T	
PETERSBURG 3 SSW	.87								.02	.55	.07											.03	.14						.06			
PRINCEVILLE	1.76							.45	T	x	1.01		.01	.13											T			.12		.04		
x x x EAST 05																																
DANVILLE	2.06	.17						46	.34	.03	.04		T	.32						.01	.29				.03					.26	.11	
DANVILLE SEWAGE PLANT	1.33	T		T					.28	.41	.02			.03						T		.22			.02						.35	
GIBSON CITY 1 E	1.70	.53							T	.20		.05		.07	.30					.06	.09	.02			.05						.33	
HOOPESTON 1 NE	2.53	.46		T	T			T	.21	.10	.06	.11		.18	.31				.07	T		.52		.05	.04				T		.42	
KANKAKEE WTR POLL CTR	4.78	.08				.03			.19	1.20	.75		.45	.37					.38	.39		.11									.83	
MONTICELLO 2	1.17							T	.43	.01	.21			.15						.08				.03						.23	.03	
PIPER CITY 3 SE	1.91	T		T				T	.04	.10	.13	.18	T	.31	.12					.05		.35	.05	.09	.03				T		.46	
PONTIAC	3.06	.32				T			.88	.72	.21	.07		.40	.05				.02	.26			T		.02				T	.10	.01	
RANTOUL	3.10	.69						T	.02	.82				.05	.50					.10		.13									.79	
SIDELL	1.40	.25						T	.36	.35				.03								.07			.10					.01	.23	
URBANA	1.01							.01	.08		.05		T	.09							.06			.02					T	.47	.23	
WATSEKA 2 NW	4.03	.84	T						.24	.55	T	.12	.01	.55	.08				.10	.25	T	.60			T						.69	
x x x WEST SOUTHWEST 06																																
ALTON DAM 26	1.77							.03		.28	.12				T										.30				.10	.93		
BEARDSTOWN	.87			T					.31	.24	.14			.05						.03					T				T	.10	T	
BLUFFS	4.10							.15	2.51	.20	.03			.05									.53	.05					.58			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.65							.01	.52		.08		T	T							.48		.01		.26				.21	.07	T	
EDWARDSVILLE 1 NE	1.76	.10						.06	.03	.27	.10										T				.21					.08		
GRAFTON	2.30	T								T	.06										.24			T	.37					1.63		
GREENVILLE 1 E	3.64	.18							.15	1.87		.03			.11						.10	.02		.02	.38					.68		
GRIGGSVILLE	3.00								2.18	.23	.04			.15						.01			.01	.07	.05					.26		
HILLSBORO	2.21								.64	*	.40										.35	T			.80					.02		
JACKSONVILLE 2 E	2.00							T	.09	1.08	.45			.03									.18	.02	.06				T	.06	.02	
JERSEYVILLE 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
KINCAID	1.14								.10	.35	.14										.10		.10		.35					T		
MEDORA	1.65								T	.27	.03	.07							T		.30		.04		.27				.52	.15		
MOUNT OLIVE 1 E	2.08	.32							.16	.72											.22				.41					.25		
PANA	2.67	84		T				T	T	1.10	.01	.03			.01					.01	.10		.08	.15	.17					.17		
SPRINGFIELD WSO AP A	.84							.02	.27	.16	.26		.01	T					T	T	.19			.01				T	.02	T		
VIRDEN 1 N	3.27								1.04	1.01	.10										.58		.18		.21				.14	.01		
VIRGINIA	.48							.32	.02		.02			T									.05					.01		.04	.03	
WHITE HALL 1 E	3.61							.06	2.10		.05												.01	.15	.14				.86	.14		
* * *																																
EAST SOUTHEAST 07																																
CHARLESTON	2.14								.23	1.26	T			T	.12					T		.41			.07					.05		
CLAY CITY 6 SSE	2.47							.45	.78	.19	.14											.10		.12	.36					.33		
DIONA 3 SW	-								.43	1.48												.63			-				.05	.11	.26	
EFFINGHAM 3 W	3.23	T		T				T	.43	1.43		T			T					T	T	1.14	T		.10					.13		
FLORA 5 NW	4.46							.25	1.97	.03	.05			T							.83				.53				.04	.24	.42	
GREENUP	3.27	.46	.08					T	.17	1.21	T				.02				T	T		1.11			.03					.09	.10	
HUTSONVILLE POWER PL	2.24		T					.02	.28	1.57		T			T							.06			.17					.13	T	
LAWRENCEVILLE	2.73							.22	1.01	.32	.03								T			.35			.60					.16	.04	
MATTOON	2.25							.31	.97		T			T					.05		.66			T	.07				.06	.07	.06	
MOWEAQUA	1.72							T	.60		.15	T		.39					.17		.05		T		.25			T	.07	.02	.02	
NEWTON 6 SSE	2.02	.04						.28	.04	.75		.03										.33			.31					.17	.07	
OLNEY 2 S	2.33							1.08	.14	.13	.07										.40				.39					.12		
PALESTINE	4.13							2.45	.20		.16		.03	T							.26	.02	T		.20					.16	.65	
PARIS WATERWORKS	1.58							.13	.63	.08			.10	.05					.04	T	.28	T			.16					.02	.08	
SAINTE MARIE	2.29	.11						.22	.21	.61	.22	.04										.45			.21					.18	.04	
SALEM	2.83		T					.16	.80	T	.03			.07	T				T		.11		T		.40				.59	.67		
TUSCOLA	1.43	.07						.18	.55				T	.07					.09	.15	.18				.10					.04		
VANDALIA 3 SW	3.10	1.02							.08	.72					.13							.14			.62					.37	.02	
WINDSOR	2.93	.03	T					.09	1.01		T			T					.19		.34	.16			1.00			T		.10	.01	
* * *																																
SOUTHWEST 08																																
ANNA 1 E	3.18			.15				1.63	T		.11										.15			.73	.41							
BELLEVILLE SO ILL UNIV	3.29		T						.28	.04											.33				.05				1.18	1.39		
CAHOKIA	3.86	T		T				.06		1.33	.11			.01	.02				T		.04			T	.48				T	1.81		
CAIRO WSO CI R	.84		.10	.03				.34															.07	.30					T			
CARBONDALE SEWAGE PL	4.68	T		.06				1.27	.65			T									.07			T	2.61					.02		
CARLYLE RESERVOIR	4.66	.20						.42	.13	1.14					.14							.10			.36					2.17		
CENTRALIA	3.01	.13		.09				.07	.11	.74					.05							.11			.37					1.34		
CHESTER	2.11			.10				.13	.03	.35	.10														1.27					.13		
DU QUOIN 4 SE	2.11		.05					1.02						.05										.86	.10				.03			
GRAND TOWER 2 N	-			.06				.70	.20			.08										.05			.60					-		
KASKASKIA R NAV LOCK	2.70	.88						.04		.42		.05										.10			1.12					.09		
MARION 4 NNE	2.86	.30		.05				1.00	.48						.05							.29		.05	.62					.12		
NASHVILLE 4 NE	2.45	.10						.07	T	1.04												.11			.23					.80		
PRAIRIE DU ROCHER 1WSW	3.17			T				.91	.10	.55		T													.60					1.01		
RED BUD 5 SE	2.54		T				T	.48	.14	.42	T				.18						T		T		.53					.79		
SPARTA	1.53		.01	.01				.40	.41		.05				.01						.04			.04	.21				.33	.02		
WATERLOO	2.04		.02	.02				.10	.13	.45	.21													T	.30					.81		
* * *																																
SOUTHEAST 09																																
ALBION	3.18							1.36	.50		.04			T							.01	.12		.15	.25					.75		
BENTON FOREST SERVICE	3.00			.03				.75	.51			.03										.52			1.08					.08		
BROOKPORT DAM 52	8.34			.08				T	4.23			T			T	T						2.08	.04	1.24	.60					T	.07	
CARMI 6 NW	2.64							.73	.96			.01										.02			.67					.25		
DIXON SPRINGS AGR C	2.40			.08				1.00	.16		.02				.34						.13			.27	.40	T						
FAIRFIELD RADIO WFIW	4.03							1.51	.11	.03	.06			.03							.76	.18			.63					.72		
GOLCONDA DAM 51	6.75			.08					4.00			.04			T							1.05		.58	1.00							
HARRISBURG	4.42		T	.04				.88	.18		.10			T	.06						.26		T	2.68	.14				.06			
HARRISBURG DISPOSAL PL	2.62	.02		.01				.12	.84			.06			.04							.21			1.27					.05		
MC LEANSBORO 2 ENE	2.46			.03				.64	.69			.01			.01							.36			.30					.42		
MT CARMEL	3.08	.30		T				.08	1.69			.08										.01			.37	.04				.51	T	
MT VERNON 3 NE	1.87	.16		T				.42	.36						.11										.41					.51	T	
REND LAKE DAM	2.23	.03		.05				.64	.70						.01							.02			.75	T				.03		
ROSICLARE	3.15			.08				1.06	1.09		.07										.40		.12	.15	.17					T		
SHAWNEETOWN NEW TOWN	2.85			.08				.08	1.44			.06			.05							.08		T	1.11					.05	T	
WAYNE CITY 1 N	2.82							.63	1.23													.11			.23					.62		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JUNE 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
. . .																																	
NORTHWEST 01																																	
ALEDO	MAX	74	83	87	86	82	90	88	85	81	79	82	84	81	85	88	88	86	79	90	89	89	87	82	76	81	85	82	82	80	84		83.8
	MIN	48	52	60	58	54	57	70	69	67	54	55	62	61	63	67	66	62	58	61	69	65	65	57	49	48	56	66	61	65	59		60.5
DIXON	MAX	79	77	84	88	87	77	90	83	82	81	64	80	81	75	83	88	88	76	67	86	89	87	81	65	74	80	83	83	83	73		80.5
	MIN	54	52	58	60	60	50	56	65	67	55	52	57	53	60	65	65	63	55	57	62	62	59	50	47	46	54	61	60	63	57		57.5
FREEPORT WASTE WTR PLT	MAX	77	76	82	85	86	75	91	82	79	79	65	80	77	76	85	89	89	75	66	86	88	85	78	65	73	80	84	84	85	72		79.8
	MIN	51	51	55	55	64	49	55	64	65	58	50	55	51	58	66	69	62	54	54	61	65	58	50	46	44	50	61	61	63	56		56.7
FULTON DAM 13	MAX	74	73	81	85	82	76	87	83	79	81	68	80	81	78	84	89	89	79	69	89	87	86	78	67	74	80	83	83	83	74		80.1
	MIN	52	54	59	61	62	55	57	69	68	59	56	60	56	58	58	70	64	57	57	60	62	67	51	52	49	50	58	67	66	63		59.2
GALVA	MAX	74	73	79	86	85	82	90	85	83	85	65	81	81	78	85	89	88	82	72	89	90	88	75	66	76	79	84	82	83	75		81.0
	MIN	54	54	56	58	62	55	57	67	66	54	53	57	60	60	63	66	63	57	58	63	64	65	54	46	47	52	62	62	61	57		58.4
GENESEO	MAX	75	81	87	85	79	92	89	83	80	73	82	83	77	87	90	89	79	69	89	90	89	84	66	76	82	86	83	86	76	84		82.4
	MIN	51	57	58	63	64	54	72	70	68	58	56	61	59	64	70	69	63	57	58	68	65	66	54	50	48	55	68	63	63	59		61.0
HENNEPIN POWER PLANT	MAX	78	76	80	89	87	80	91	82	85		79	79	75	85	84	88	87	79	67	86	89	87	82	75	81	87	87	81	76	81		82.2
	MIN	54	52	52	62	62	49	60	69	67	58	54	59	58	59	68	63	66	57	59	65	64	61	52	48	44	49	61	58	67	58		58.5
KEWANEE 1 E	MAX	75	73	79	86	85	80	90	83	83	85	68	81	81	76	84	88	87	80	71	89	90	89	83	65	75	79	83	82	83	76		81.0
	MIN	51	57	58	61	58	54	58	65	67	54	52	62	58	59	66	65	62	55	54	63	65	63	52	45	44	50	60	58	67	59		58.1
MOLINE WSO AP	MAX	76	82	88	86	81	92	88	80	83	73	83	83	79	86	90	89	79	70	90	91	90	84	66	76	81	87	83	85	78	87		82.9
	MIN	51	56	57	63	60	54	69	66	66	53	50	60	59	61	71	71	62	56	59	66	66	63	56	49	46	53	66	61	59	55		59.5
MORRISON	MAX	76	75	82	85	83	89	90	86	79	81	66	80	82	76	83	88	88	78	68	86	89	86	80	65	75	80	84	83	84	74		80.7
	MIN	50	49	58			51	57			55	55	58	55	55	55	56	56	52	57	57	64	58	51	48	46	46						54.0
MOUNT CARROLL	MAX	73	80	85	86	74	90	85	79	80	65	79	81	76	84	87	87	71	66	85	87	84	78	64	73	79	83	83	84	73	80		79.4
	MIN	47	51	60	58	58	58	61	66	64	56	54	51	58	65	67	59	54	54	61	62	55	60	45	41	47	47	59	63	54	52		56.2
PAW PAW	MAX	82	77	82	86	86	74	92	82	85	83	70	78	72	70	83	88	90	72	66	86	92	86	81	64	73	79	83	83	85	75		80.2
	MIN	55	52	50	59	57	51	54	68	65	60	50	50	50	58	58	61	65	55	55	57	63	61	48	45	44	48	53	60	60	53		55.5
ROCHELLE	MAX	82	77	84	89	89	75	89	82	84	80	64	78	77	74	84	88	87	75	73	85	89	86	80	65	73	80	84	83	84	75		80.5
	MIN	53	49	53	51	58	48	48		62	61	49	52	52	51	56	61	61	53	53	58	64	59	47	44	44	44	55	59	61	55		53.8
ROCKFORD WSO AP	MAX	75	82	86	86	77	88	80	81	79	71	70	77	75	84	88	88	78	65	84	90	84	77	66	72	79	83	82	84	75	81		79.8
	MIN	51	48	57	60	53	49	67	65	66	55	51	54	52	60	67	63	57	55	56	64	63	57	50	46	43	53	64	60	62	58		56.9
STOCKTON 1 N	MAX	74	81	84	85	75	89	81	77	78	64	79	79	75	83	87	86	75	65	83	85	83	75	64	72	77	80	81	81	72	79		78.3
	MIN	48	53	55	61	57	50	56	62	64	53	53	59	51	58	64	66	59	54	53	60	62	54	49	44	42	50	59	57	63	57		55.8
TISKILWA 2 SE	MAX	76	80	82	87	81	92	83	87	87	77	80	80	78	84	87	87	81	78	88	89	87	85	81	70	79	82	80	83	82	82		82.5
	MIN	53	57	59	64	60	68	78	71	68	55	56	58	57	60	65	66	64	56	57	72	67	62	54	44	43	52	64	64	65	57		60.5
WALNUT	MAX	76	82	86	87	80	90	89	84	83	76	80	79	78	88	93	88	86	76	87	90	88	87	82	75	80	83	82	83	82	72		83.1
	MIN	52	57	57	62	62	52	66	69	69	55	52	61	56	62	62	65	62	55	56	65	65	61	51	45	49	55	66	61	62	54		58.9
. . .																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	78	74	82	86	86	72	85	77	86	75	71	75	70	74	83	87	87	75	65	77	87	84	73	65	69	75	83	83	79	77		78.0
	MIN	51	51	55	58	58	46	47	66	61	62	50	48	48	54	59	68	68	52	51	55	64	57	46	45	40	43	56	58	58	56		54.4
AURORA	MAX	76	82	87	86	73	90	80	88	87	74	78	74	72	85	90	90	78	67	84	91	88	82	64	72	80	80	85	86	78	81		80.9
	MIN	56	52	57	62	53	47	65	67	63	54	51	52	55	60	68	66	60	54	56	69	65	55	48	45	44	50	64	60	60	56		57.1
BARRINGTON	MAX	78	74	82	85	88	72	89	77	85	78	71	77	70	74	84	88	87	72	64	82	89	86	75	61	67	77	84	80	81	81		78.6
	MIN	53	53	59	63	58	48	57	65	62	64	49	52	54	60	67	67	69	53	53	61	68	59	46	45	41	53	63	61	61	56		57.3
CHICAGO O'HARE WSO AP	MAX	77	77	84	87	70	90	80	93	80	74	78	72	73	87	89	88	78	66	84	90	87	76	59	69	80	89	87	86	80	81		80.3
	MIN	53	54	57	63	55	51	69	57	61	52	55	54	55	63	72	69	59	56	57	69	67	55	50	49	44	53	67	66	59	51		58.1
CHICAGO UNIVERSITY	MAX	73	80	82	88	88	73	80	88	88	77	78	79	71	82	89	91	89	71	74	84	88	89	70	64	73	83	86	85	80	75		80.6
	MIN	61	54	61	61	57	52	58	66	57	60	55	55	57	62	70	67	61	55	55	62	69	65	49	51	48	55	67	62	64	58		59.1
CHICAGO MIDWAY WSCMO	MAX	72	82	86	87	70	87	78	90	78	74	76	69	71	86	89	89	76	65	82	88	87	75	58	67	76	84	85	83	77	79		78.9
	MIN	58	59	59	62	55	53	69	63	61	56	55	56	59	63	71	69	60	57	60	71	69	57	50	50	48	54	66	64	61	59		59.8
DE KALB	MAX	73	81	86	86	83	90	90	86	82	82	77	77	76	84	88	88	88	72	82	89	89	85	81	75	79	82	82	82	82	81		82.6
	MIN	57	53	59	64	60	50	70	69	66	57	54	54	53	63	67	65	65	55	56	67	65	61	50	45	45	57	65	64	63	58		59.2
ELGIN	MAX	80	75	81	85	86	71	89	78	84	84	72	77	73	73	84	87	87	73	63	82	88	84	78	61	67	78	82	82	84	75		78.8
	MIN	52	52	55	59	55	50	53	65	62	62	50	52	53	59	57	63	57	53	54	55	62	55	47	46	44	49	57	62	62	59		55.4
GEBHARD WOODS ST PARK	MAX	86	79	82	90	90	81	94	84	90	88	65	81	80	76	86	90	90	85	70	90	94	90	88	65	78	83	87	84	87	77		83.7
	MIN	58	56	57	69	62	48	59	66	70	64	54	55	56	60	65	66	68	57	59	63	66	58	51	46	43	50	61	61	66	57		59.0
JOLIET BRANDON RD DAM	MAX	84	71	71	82	88	76	91	81	89	88	75	79	76	73	86	89	88	81	68	85	92	89	83	64	73	80	85	84	86	76		81.1
	MIN	59	59	58	62	62	50	57	66	66	67	52	55	59	60	66	65	68	57	58	62	66	64	51	49	49	53	58	62	67	59		59.5
MARENGO	MAX	77	84	88	87	86	92	88	84	83	77	77	77	75	85	90	90	85	66	83	88	85	85	75	73	80	86	85	84	82	81		82.6
	MIN	55	48	57	62	57	46	64	62	63	52	49	51	51	69	65	65	62	53	54	63	62	56	47	46	39	53	63	62	62	55		56.4
OTTAWA	MAX	84	82	90	90	84	94	93	92	90	85	83	83	82	87	92	91	89	72	89	94	92	89	85	80	84	87	86	86	85	85		86.8
	MIN	59	51	59	64	63	51	68	70	71	59	56	61	59	62	69	66	61	59	60	75	67	62	54	47	46	54	66	62	66	57		60.8
PARK FOREST	MAX	80	74	80	87	88	72	91	80	87	85	74	78	75	73	86	85	89	76	68	83	88	88	78	60	69	78	84	85	85	76		80.1
	MIN	58	55	58	61	61	49	61	67	61	61	56	46	56	57	55	65	67	55	57	62	66	60	48	48	46	51	62	61	65	56		57.7
PERU 2 W	MAX	82	82	88	87	84	94	94	92	87	86	80	80	82	87	90	90	87	71	89	93	91	87	81	78	80	85	83	89	87	86		85.7
	MIN	56	56	58	62	62	55				55	56	54	56	58	65	67	68	56	63	72	63	61	55	46	46	57	60	61	61	55		58.7
WAUKEGAN	MAX	79	76	78	84	87	75	78	79	85	71	71	77	74	66	86	89	82	72	62	82	91	86	70	56	62	78	83	84	72	76		77.0
	MIN	50	51	53	61	55	47	47	63	57	55	52	49	50	54	57	68	68	51	52	52	60	58	45	46	40	41	52	56	55	57		53.4
WHEATON 3 SE	MAX	80	81	85	87	82	90	90	88	85	84	78	78	73	87	91	90	88	75	82	92	92	81	77	72	81	86	85		86	82		83.7
	MIN	58	52	55	64	60	47	67	66	61	58	53	50	57	59	69	67	69	54	55	73		59	49	42	41	54	62		63	56		57.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JUNE 1979

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	74	78	86	84	84	90	84	84	85	73	82	83	78	84	88	89	84	74	90	91	90	86	70	76	79	83	77	81	76	85		82.3
	MIN	49	55	50	52	60	58	68	69	66	55	51	62	60	63	66	67	63	55	62	71	64	68	56	50	53	56	65	60	61	55		59.7
GOLDEN 1 NW	MAX	78	82	87	88	91	91	88	85	87	79	84	84	85	86	88	90	89	88	93	93	93	90	87	78	82	85	78	80	81	88		85.9
	MIN	50	60	54	60	65	62	68	69	69	57	55	60	61	63	66	66	69	62	68	67	65	68	62	51	50	52	62	60	65	57		61.4
LA HARPE	MAX	76	80	88	87	89	89	86	84	89	79	83	85	81	85	89	89	86	81	91	90	91	86	81	76	81	84	78	82	80	88		84.5
	MIN	49	54	52	57	62	60	70	70	68	55	52	58	60	63	67	66	66	59	65	69	61	66	59	49	50	53	53	60	66	57		59.9
MONMOUTH	MAX	74	80	86	85	84	90	86	82	83	77	82	83	79	84	88	88	85	79	89	90	90	87	80	75	81	80	85	81	77	85		83.2
	MIN	49	54	55	59	61	56	69	69	65	53	52	60	60	62	66	65	63	58	62	69	64	65	56	47	49	50	52	58	65	57		59.0
QUINCY FAA AP	MAX	76	79	85	85	88	90	87	83	88	77	81	83	82	86	89	90	92	87	94	90	91	88	74	78	80	85	76	77	80	87		84.3
	MIN	53	59	55	60	64	65	72	71	72	59	56	61	65	66	70	71	71	66	70	69	66	70	61	54	53	56	63	62	64	61		63.5
QUINCY DAM 21	MAX	72	75	79	86	85	88	89	82	84	87	73	81	83	83	87	89	90	89	94	87	87	92	87	73	78	80	80	79	83	83		83.5
	MIN	54	54	54	55	59	62	64	69	69	59	54	56	62	61	65	68	69	65	64	65	65	64	65	54	54	53	53	60	60	62		60.6
RUSHVILLE	MAX	78	81	89	88	89	91	89	85	87	85	81	83	83	88	89	89	89	81	94	94	93	90	85	78	82	85	85	82	82	87		86.1
	MIN	50	59	53	51	64	61	62	69	68	54	61	68	63	63	68	65	69	61	67	72	62	67	66	49	62	54	56	59	63	55		61.4
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	78	81	88	87	90	94	87	90	92	89	80	80	82	84	89	89	81	75	89	94	90	85	84	75	82	85	84	87	80	81		85.1
	MIN	57	59	53	61	62	52	62	66	67	51	52	52	60	62	67	65	61	56	62	72	62	69	53	41	48	47	61	52	65	57		58.5
DECATUR	MAX	83	79	91	86	92	92	88	88	91	82	83	85	83	89	90	90	92	91	96	93	94	90	89	82	88	89	87	88	86	88		88.2
	MIN	56	48		54	61	55	71	66	68	57	47	53	62	60	66	64	65	61	65	67	64	59	58	49	46	46	60	57	64	57		58.8
FARMER CITY	MAX	83	76	89	88	93	93	88	86	90	77	80	82	81	86	87	87	89	81	90	91	91	89	76	77	80	84	85	86	83	82		85.0
	MIN	59	58	52	60	62	55	70	67	68	56	53	61	61	60	67	63	66	59	64	69	64	65	56	51	49	53	58	61	65	58		60.3
HAVANA 4 NNE	MAX	82	76	82	89	87	89	93	85	88	91	76	85	86	82	87	91	92	90	84	97	96	95	91	72	79	85	88	81	86	84		86.3
	MIN	54	58	53	60	63	58	62	69	70	57	56	60	62	64	67	63	68	60	63	69	69	66	60	52	49	51	60	58	63	56		60.7
LACON 2 E	MAX	78	81	89	88	84	93	91	90	90	84	82	81	79	86	89	89	87	81	89	91	89	87	84	77	80	85	83	83	81	83		85.1
	MIN	62	56	59	63	62	60	68	68	68	56	54	59	61	61	69	65	62	57	60	70	68	62	51	44	45	53	61	60	65	56		60.2
LINCOLN	MAX	78	76	86	85	90	90	88	85	89	88	82	84	81	88	89	88	90	89	93	95	93	92	83	79	82	84	84	84	84	86		86.2
	MIN	55	60	54	61	63	58	69	68	68	57	54	61	62	61	69	63	71	60	66	73	65	69	59	52	52	54	61	60	65	58		61.6
MASON CITY 1 NW	MAX	76	79	87	86	90	93	87	90	91	85	87	85	84	87	89	90	90	84	93	95	92	88	85	78	82	85	82	85	83	86		86.5
	MIN	54	60	51	53	60	58	65	67	68	54	51	60	63	62	66	56	59	60	63	67	59	67	58	51	48	54	60	59	63	57		59.1
MINONK	MAX	82	86	88	84	86	89	89	86	89	89	69	78	81	79	86	90	92	90	85	91	92	90	88	73	80	85	84	82	76	86		84.8
	MIN	55	56	55	56	57	61	69	69	68	58	58	58	60	58	64	70	66	69	66	71	62	60	63	53	48	60	64	61	58	62		61.2
NORMAL	MAX	83	78	88	87	90	92	90	87	89	88	80	82	82	86	89	89	88	85	90	93	93	89	85	76	80	84	84	85	84	83		86.0
	MIN	58	58	53	60	65	56	71	69	71	59	51	62	62	64	69	68	70	58	64	75	65	65	55	50	48	60	65	60	66	56		61.8
PEORIA WSO AP	MAX	73	78	84	84	85	90	82	86	89	73	80	80	79	86	90	90	84	79	91	92	90	86	69	75	79	84	78	85	81	85		82.9
	MIN	52	57	51	57	60	57	69	67	67	53	54	62	60	62	67	65	63	59	64	70	65	63	56	48	49	53	60	58	61	56		59.5
PRINCEVILLE	MAX	73	78	85	84	84	90	87	86	85	87	79	80	79	84	87	86	82	76	89	89	89	85	82	75	78	79	77	81	77	83		82.5
	MIN	49	55	53	58	58	52	64	65	68	53	50	58	59	58	62	60	64	64	55	69	62	60	52	42	46	50	58	56	63	53		57.2
• • •																																	
EAST 05																																	
DANVILLE	MAX	85	79	86	86	90	91	88	85	90	86	81	79	77	87	88	87	92	86	89	88	90	90	89	76	79	83	87	88	84	79		85.5
	MIN	60	56	51	54	64	55	69	68	67	59	49	56	60	60	68	59	68	60	65	68	68	60	58	51	48	47	54	59	66	60		59.6
HOOPESTON 1 NE	MAX	76	74	85	85	86	91	85	86	91	83	81	80	75	86	88	87	88	78	88	85	88	86	83	75	79	83	86	88	82	80		83.6
	MIN	60	58	56	62	64	54	70	68	68	59	52	59	58	60	67	61	68	58	63	70	67	65	54	50	47	50	60	61	65	59		60.4
KANKAKEE WTR POLL CTR	MAX	83	85	86	88	89	81	92	85	83	81	75	74	79	74	86	89	87	78	72	86	87	88	86	81	78	79	83	89	84	87		83.2
	MIN	61	59	58	63	62	49	59	65	61	63	50	51	60	58	65	63	66	60	59	64	64	60	53	52	47	52	61	68	64	64		59.4
PIPER CITY 3 SE	MAX	82	80	90	90	90	95	90	89	94	92	83	82	82	89	91	90	88	76	91	93	91	89	85	78	81	87	86	87	83	82		86.9
	MIN	58	60	56	63	65	51	70	67	68	52	53	62	60	59	67	63	68	58	61	68	64	63	52	49	44	50	62	60	60	57		59.7
PONTIAC	MAX	80	80	88	87	85	93	89	89	91	89	81	80	80	86	89	89	88	83	89	92	92	90	85	75	80	84	84	85	83	82		85.6
	MIN	58	61	56	63	64	54	68	68	70	58	54	62	62	61	68	64	69	57	63	76	68	65	53	49	48	52	65	62	66	58		61.4
RANTOUL	MAX	88	79	74	86	84	90	92	91	87	90	78	80	82	79	88	90	90	90	81	90	92	90	89	70	76	80	64	85	87	86		84.9
	MIN	59	58	55	56	65	55	60	63	67	68	53	55	61	59	64	65	67	61	61	64	68	69	55	50	49	50	55	64	64	58		59.9
URBANA	MAX	79	78	86	86	91	92	86	87	91	75	81	81	80	88	90	88	92	84	92	91	91	91	72	76	81	84	87	87	81	81		85.0
	MIN	60	59	59	61	61	57	70	66	66	54	53	64	61	59	65	61	62	60	64	68	65	67	50	50	50	55	61	62	60	59		60.3
WATSEKA 2 NW	MAX	82	76	75	84	86	85	90	80	86	90	75	78	78	76	87	90	88	84	75	87	85	89	85	65	75	78	84	85	86	80		82.1
	MIN	61	56	51	54	62	50	57	66	67	67	54	55	59	59	65	63	61	56	57	63	64	60	52	50	46	48	55	59	65	54		57.9
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	80	77	73	84	83	88	86	84	85	90	73	81	85	85	89	88	89	90	91	93	93	92	89	82	77	80	85	85	84	83		84.8
	MIN	60	61	58	60	64	69	71	71	73	65	60	60	65	67	69	68	70	70	73	75	73	73	70	53	56	59	63	67	66	64		65.8
CARLINVILLE	MAX	79	77	86	85	92	89	87	91	90	88	83	86	85	88	88	89	92	91	93	94	93	91	83	78	80	85	86	84	85	87		86.8
	MIN	57	55	52	56	61	69	70	70	71	58	51	56	63	62	65	65	65	62	67	65	67	68	62	50	49	52	60	63	62	58		61.0
GRIGGSVILLE	MAX	75	77	84	82	88	87	82	83	87	76	79	82	82	85	87	87	86	86	91	91	87	85	75	75	78	82	80	78	80	85		82.7
	MIN	53	61	57	61	65	61	69	66	71	56	56	67	63	64	69	66	71	62	69	73	68	75	63	52	53	56	64	63	65	60		63.3
HILLSBORO	MAX	79	75	87	84	93	92	91	84	92	91	91	90	91	90	95	100	96	96	95	97	96	93	89	82	83	87	85	84	86	90		89.5
	MIN	56	55	55	58	60	64	64	63	66	60	52	59	62	58	63	61	63	64	64	63	68	65	61	48	48	49	59	59	60	58		59.5
JACKSONVILLE 2 E	MAX	83	76	77	85	84	89	89	85	87	88	71	82	83	84	86	88	88	90	88	93	93	91	87	73	78	79	84	81	81	83		84.2
	MIN	54	55	51	53	58	59	60	69	69	64	55	55	61	63	61	60	67	61	61	66	66	63	62	52	49	50	55	61	63	59		59.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX																																
	MIN																																
PANA	MAX	78	74	81	82	87	86	84	82	87	84	80	81	78	85	85	85	89	85	91	92	90	87	78	75	77	80	83	82	83	82		83.1
	MIN	59	58	56	58	61	62	70	69	69	58	53	62	60	61	67	62	65	63	67	67	67	66	62	50	52	52	54	62	64	58		61.1
SPRINGFIELD WSO AP	MAX	80	76	87	88	94	93	91	88	92	75	84	86	86	90	92	92	94	90	97	96	95	89	78	81	83	86	87	85	88	89		87.7
	MIN	57	55	52	59	64	61	72	72	70	54	52	58	65	65	70	67	69	63	69	69	65	69	55	55	51	59	63	62	64	57		62.1
VIRDEN 1 N	MAX	80	76	87	84	90	90	82	85	89	85	88	85	85	89	89	89	91	91	94	92	92	90	82	76	82	85	85	84	82	89		86.3
	MIN	55	56	56	59	64	59	72	67	69	57	53	58	60	61	65	62	63	65	64	63	64	63	61	51	60	59	62	60	59	66		61.1
WHITE HALL 1 E	MAX	79	75	85	85	89	90	87	85	88	86	80	84	85	89	89	90	89	88	95	94	94	90	85	77	80	84	84	81	82	85		85.8
	MIN	56	58	52	52	60	60	70	69	70	57	53	58	63	57	64	53	67	64	66	72	63	67	64	54	54	53	58	65	61	59		60.6
. . .																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	80	79	82	84	89	88	86	84	89	87	82	81	80	84	86	85	91	88	91	90	90	90	85	75	79	83	84	86	85	86		85.0
	MIN	51	57	59	57	62	60	67	69	69	55	51	58	61	62	67	63	67	63	67	65	69	64	59	49	52	49	56	64	63	60		60.5
EFFINGHAM 3 W	MAX	81	79	74	82	83	88	87	83	85	88	76	80	82	75	86	85	85	90	89	91	89	87	85	75	75	77	80	84	83	84		82.9
	MIN	61	54	58	53	57	62	69	68	67	70	48	52	58	60	64	60	62	65	66	71	68	63	64	51	48	47	52	58	65	61		60.1
FLORA 5 NW	MAX	78	77	82	85	88	87	84	88	91	87	81	86	84	86	85	86	92	90	91	92	90	92	86	75	76	80	86	85	85	84		85.3
	MIN	61	51	59	53	62	64	69	70	67	58	49	54	61	60	65	63	65	70	65	71	68	65	63	50	48	47	50	62	65	59		60.5
MATTOON	MAX	79	77	84	85	89	90	84	84	90	77	80	82	76	87	87	86	92	88	92	89	90	88	75	75	79	82	86	86	83	83		84.2
	MIN	60	58	58	60	61	61	67	68	69	53	53	63	63	63	66	63	67	63	67	66	69	66	52	50	52	50	60	64	65	60		61.2
MOWEAQUA	MAX	79	79	86	82	92	86	91	91	90	89	82	84	81	87	89	88	92	90	94	92	92	89	87	78	78	83	88	87	86	86		86.6
	MIN	59	50	51	55	55	55	65	68	70	59	50	59	64	60	67	64	65	62	67	66	67	65	68	50	54	52	56	60	64	59		60.2
NEWTON 6 SSE	MAX	81	79	77	84	84	89	89	81	85	89	78	81	84	78	87	88	87	92	89	93	92	91	91	80	75	81	82	82	85	86		84.7
	MIN	63	56	58	57	60	64	69	69	67	73	49	54	61	61	65	63	65	68	66	68	61	64	64	51	50	47	55	59	65	60		61.1
OLNEY 2 S	MAX	78	78	83	85	88	89	85	89	90	87	82	86	82	88	86	88	93	88	93	87	88	89	83	75	78	80	85	87	87	85		85.4
	MIN	64	56	57	54	63	67	67	70	70		48	54	59	61	67	58	60	67	65	75	68	63	64	52	49	48	53	61	67	62		61.0
PALESTINE	MAX	79	77	85	87	90	89	79	85	90	81	82	83	79	86	88	87	92	89	92	88	90	87	81	72	76	83	86	85	86	79		84.4
	MIN	65	58	60	59	63	68	68	69	71	60	51	58	62	63	68	61	66	69	70	72	70	66	66	52	51	49	57	61	67	64		62.8
PARIS WATERWORKS	MAX	75	78	83	84	88	89	83	84	89	85	79	83	78	85	86	85	92	87	90	91	89	88	78	73	80	81	86	87	84	80		84.0
	MIN	61	57	60	61	64	60	69	69	70	63	50	59	62	62	68	65	68	62	66	67	68	68	61	50	53	51	61	65	65	61		62.2
SALEM	MAX	79	78	84	83	88	88	84	88	91	89	81	86	85	88	88	88	92	91	94	92	93	91	88	75	78	84	86	82	85	85		86.1
	MIN	62	57	62	56	63	69	69	71	69	66	51	56	60	61	67	65	64	72	69	78	68	67	66	52	52	52	56	64	65	61		63.0
TUSCOLA	MAX	82	82	88	87	91	93	91	83	90	87	83	83	83	88	90	89	94	92	93	92	93	92	88	70	80	85	87	88	85	85		87.1
	MIN	62	58	54	57	63	59	69	68	70	66	55	63	65	60	71	61	68	62	65	68	67	67	60	51	51	51	52	58	74	59		61.8
VANDALIA 3 SW	MAX	86	79	74	85	83	88	86	85	88	89	70	82	85	82	87	88	87	93	92	94	94	93	89	75	77	81	83	85	81	85		84.9
	MIN	60	52	58	57	58	65	68	70	74	58	58	59	62	60	61	62	63	65	66	71	70	68	62	60	56	50	52	55	63	59		61.4
WINDSOR	MAX	78	78	83	87	88	88	85	82	89	88	80	85	83	85	86	85	88	91	90	90	89	87	80	74	78	82	85	84	83	83		84.5
	MIN	57	56	55	62	58	60	68	68	67	57	53	53	60	59	65	63	62	61	67	65	67	65	62	48	49	49	60	65	65	59		60.2
. . .																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX		77	80	82	86	85	84	90	91	82	81	85	85	88	86	87	91	90	92	89	92	90	89	73	77	81	85	83	90	87		85.4
	MIN		59	59	56	61	68	68	71	71	61	53	60	66	64	60	59	62	69	65	69	70	69	68	55	52	53	55	66	67	64		62.8
BELLEVILLE SO ILL UNIV	MAX	80	78	82	83	89	88	84	89	90	90	81	85	85	88	88	88	92	93	94	94	93	93	91	78	81	84	87	88	86	85		86.9
	MIN	62	56	59	67	59	65	72	73	71	62	50	56	58	58	65	64	64	62	65	70	66	66	66	52	47	48	53	63	64	58		61.4
CAHOKIA	MAX	86	79	74	80	84	90	80	84	88	90	74	75	85	86	87	87	89	84	91	93	94	89	93	83	78	82	85	89	77	87		84.8
	MIN	62	55	54	55	55	66	69	69	69	68	51	55	55	58	67	63	60	67	66	73	66	67	66	53	50	51	56	64	61	60		61.0
CAIRO WSO CI	MAX	79	78	81	84	89	85	88	93	94	84	83	88	88	90	88	88	96	94	95	89	96	95	91	73	80	84	87	87	93	90		87.7
	MIN	67	63	61	63	68	70	74	77	77	64	57	63	66	70	70	69	71	79	75	76	75	72	69	61	60	61	65	73	74	69		68.6
CARBONDALE SEWAGE PL	MAX	84	79	76	81	82	86	86	81	89	90	82	81	84	82	87	85	86	89	89	90	88	92	89	86	74	77	80	84	81	88		84.3
	MIN	66	55	58	53	62	67	71	70	71	72	49	53	57	62	65	66	61	68	65	73	69	67	65	55	52	51	55	65	68	62		62.4
CARLYLE RESERVOIR	MAX	83	78	72	80	83	89	86	84	88	90	76	81	87	82	87	87	86	93	91	93	93	93	89	81	75	85	83	86	81	86		84.9
	MIN	61	57	58	58	63	68	70	69	67	73	52	58	61	63	65	63	65	72	69	73	66	63	66	51	52	57	58	60	59	60		62.6
DU QUOIN 4 SE	MAX	78	76	81	85	90	87	80	91	92	79	81	87	84	89	88	89	94	93	94	93	95	92	86	73	78	88	87	83	89	86		86.3
	MIN	58	58	60	55	63	68	70	71	72	62	49	55	59	62	63	60	62	70	68	72	66	66	60	50	51	52	55	64	65	63		61.6
KASKASKIA R NAV LOCK	MAX	86	78	76	81	83	88	85	86	90	91	76	83	86	87	90	88	88	94	93	95	91	97	90	89	80	83	88	88	77	90		86.6
	MIN	64	57	57	58	61	67	69	71	76	73	52	52	61	64	67	67	67	68	69	72	67	69	68	54	53	57	57	60	62	60		63.3
MARION 4 NNE	MAX	84	80	71	81	83	86	87	81	91	91	79	81	85	84	87	86	86	89	90	92	88	92	89	89	74	78	82	85	83	88		84.7
	MIN	65	57	59	55	58	65	69	70	72	72	49	53	57	60	62	62	62	64	68	69	68	67	65	55	50	50	53	56	68	62		61.4
NASHVILLE 4 NE	MAX	77	75	81	84	88	88	85	92	90	87	79	85	83	89	89	88	93	90	95	95	92	89	87	76	78	83	87	83	84	83		85.8
	MIN	62	59	59	60	63	67	70	71	71	62	52	59	62	64	66	62	65	71	70	74	67	70	67	52	54	55	59	66	65	62		63.5
SPARTA	MAX	80	77	84	85	90	88	84	91	92	89	82	87	84	89	88	88	95	93	94	94	97	91	89	77	81	86	90	82	89	88		87.5
	MIN	68	56	55	57	64	68	69	71	71	59	56	56	62	64	66	63	65	71	70	77	68	70	69	53	52	54	60	68	65	63		63.7
WATERLOO	MAX	85	78	70	82	83	88	86	83	88	90	72	82	84	80	87	88	87	92	90	92	93	94	90	83	78	83	86	86	77	87		84.8
	MIN	62	55	54	56	62	68	68	68	71	58	50	55	61	55	62	62	64	69	68	75	69	70	68	53	52	55	58	66	64	60		61.9
. . .																																	
SOUTHEAST 09																																	
ALBION	MAX	84	78	84	87	90	90	88	90	91	90	81	85	85	89	88	87	92	93	93	92	81	91	88	80	78	84	86	87	86	84		86.7
	MIN	65	58	60	59	63	69	69	70	72	61	50	59	64	68	67	62	66	73	69	75	70	68	66	53	57	54	60	69	67	62		64.2
BROOKPORT DAM 52	MAX	80	78	79	83	84	85	86	90	91	89	81	87	85	88	86	86	91	92	93	91	90	89	89	73	77	81	86	85	88	87		85.7
	MIN	65	57	59	54	63	69	70	67	71	64	49	56	59	63	65	58	66	72	68	73	70	71	67	58	53	53	57	71	71	65		63.5
DIXON SPRINGS AGR C	MAX	83	78	79	82	85	85	84	90	90	90	78	83	83	86	86	85	90	91	93	91	89	90	90	71	76	80	84	84	86	87		85.0
	MIN	66	55	58	52	60	67	71	72	73	67	48	53	55	59	66	58	60	72	66	71	67	69	66	56	48	50	52	66	69	61		61.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	80	76	82	85	89	88	85	91	90	90	78	86	84	87	86	87	93	91	92	90	90	90	84	79	77	79	84	87	85	84		85.6
	MIN	67	54	55	53	58	67	68	70	70	61	47	54	54	60	62	57	62	68	67	70	69	63	63	52	48	48	51	64	66	61		60.3
HARRISBURG	MAX	83	80	85	88	90	91	85	94	95	90	83	88	85	90	90	90	94	95	96	92	94	92	90	75	78	83	88	87	90	86		88.2
	MIN	67	57	59	55	60	69	71	70	75	62	49	55	59	61	67	60	66	74	72	77	71	68	67	57	53	53	55	70	69	64		63.7
MC LEANSBORO 2 ENE	MAX	83	78	78	82	84	88	87	86	90	91	80	80	84	87	87	86	86	91	90	93	90	91	88	86	73	79	81	86	87	87		85.3
	MIN	61	59	59	56	60	65	67	68	68	73	50	55	60	62	64	60	64	70	70	72	69	67	66	53	52	58	54	60	60	62		62.1
MT CARMEL	MAX	83	80	80	83	85	88	88	80	90	90	83	83	86	86	87	87	86	94	91	92	90	93	94	85	74	79	83	86	88	87		86.0
	MIN	66	61	60	57	63	69	69	69	72	74	50	55	59	67	68	63	66	69	70	74	70	67	68	54	54	53	56	60	68	63		63.8
MT VERNON 3 NE	MAX	78	78	79	83	82	88	81	89	89	88	89	87	90	88	89	90	93	89	91	88	92	94	91	91	85	83	84	85	80	82		86.5
	MIN	59	55	56	55	52	52	67	69	69	68	49	50	50	65	70	70	70	72	74	68	67	61	62	52	48	49	52	48	48	52		59.3
RENO LAKE DAM	MAX	86	78	74	80	84	89	88	81	91	92	80	81	86	85	88	87	87	92	91	93	90	94	92	85	75	77	82	87	84	88		85.6
	MIN	66	59	60	56	58	65	69	71	73	73	51	53	58	62	65	63	63	65	71	71	69	67	66	55	54	55	58	60	67	62		62.8
ROSICLARE	MAX	80	77	78	81	84	84	84	88	89	86	79	82	81	85	83	82	87	89	91	89	86	86	85	71	76	79	82	83	85	82		83.1
	MIN	66	60	55	53	57	65	69	69	72	61	48	56	57	58	59	54	57	68	70	69	67	67	64	56	45	53	55	65	68	59		60.7

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	74	77	72	76	78	77	80	75	76	81	75	75	75	75	79	83	83	84	82	83	84	85	87	82	73	83	85	81	81	76		79.2
		MIN	68	68	66	66	67	68	68	72	70	70	64	63	68	69	67	70	70	72	72	72	75	73	74	73	69	69	69	72	71	69		69.5
	8	MAX	70	71	70	72	73	73	79	73	73	76	75	72	72	72	74	76	77	78	76	77	78	79	80	77	75	77	77	76	76	74		74.9
		MIN	69	69	67	67	68	70	69	71	71	71	68	67	69	70	69	71	72	73	73	73	75	74	75	75	71	71	71	73	73	-		70.9

EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.28	.29	.34	.39	.18	-	.77	.18	.04	.48	.02	.04	.04	.05	.03	.04	.03	.04	.32	.23	.31	.28	.25	.23	.26	.31	.29	.04	.28	.04		6.298
	WIND	84	40	39	60	58	27	45	26	16	43	100	44	17	29	37	43	53	36	30	48	63	57	31	36	22	24	36	36	24	28		1232
	MAX	87	84	81	87	88	80	94	88	93	95	72	86	86	87	92	93	93	89	72	91	95	91	95	86	85	93	92	84	87	86		87.7
	MIN	50	58	54	61	63	58	58	59	62	67	54	56	59	65	67	67	68	61	61	63	67	67	61	56	55	68	67	55	59	57		60.8
• • •																																	
EAST 05																																	
URBANA	EVAP	.16	.20	.11	.34	.35	.27	.29	.14	.12	.20	.21	.28	.17	.20	.36	.35	.23	.38	.16	.23	.21	.37	.30	.20	.26	.25	.30	.22	.20	.15		7.21
	WIND	41	27	26	44	73	48	60	57	30	43	111	39	57	26	68	65	41	79	31	40	58	48	40	25	45	19	40	36	54	70		1441
	MAX	84	85	76	86	87	84	89	81	88	92	81	84	80	77	85	89	88	91	88	91	92	90	92	80	86	87	91	84	88	81		85.9
	MIN	60	58	55	55	56	57	57	66	66	67	49	50	59	58	59	59	60	58	57	67	64	64	59	50	50	52	54	58	61	56		58.0
• • •																																	
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.39	.19	.25	.37	.36	.33	.28	.15	.23	.37	.33	.25	.26	.36	.50	.50	.33	.28	.35	.45	.43	.24	.34	.25	.34	.35	.26	.19	.18	.33		9.44
	WIND	102	32	31	49	59	56	86	38	35	170	71	44	45	86	105	93	71	67	80	101	70	40	80	81	42	39	42	38	80	113		2046
	MAX	85	80	92	91	92	92	91	86	97	90	86	87	91	90	91	92	93	89	92	95	94	89	79	86	88	91	87	84	86	85		89.0
	MIN	59	58	56	59	63	62	70	71	71	62	52	60	65	64	65	63	67	61	68	71	65	72	65	53	56	60	60	66	65	60		63.0
• • •																																	
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.17	.30	.14	.27	.27	.34	.33	.20	.32	.17	.31	.32	.30	.17	.37	.45	.33	.30	.30	.40	.33	.36	.18	.31	.30	.27	.30	.29	.27	.30		8.67
	WIND	49	55	37	29	79	69	96	90	56	94	93	48	40	56	102	107	77	48	44	116	105	41	43	141	70	51	49	52	67	78		2082
	MAX	86	86	71	90	86	91	89	87	88	91	75	87	91	82	87	88	84	95	93	71	91	90	87	93	78	82	80	85	78	91		85.8
	MIN	63	60	59	60	62	64	68	69	70	70	53	54	61	62	63	61	68	62	70	69	68	69	69	53	52	59	59	58	65	61		62.7

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSCMO R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE		41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V A HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD	3666	06	GREENE		39 21	90 13	560				C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G DEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D DUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD O BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * OCTOBER 1978																							
GALESBURG	62.6	40.3	51.5		80	21	30	28	412	0	0	3	0	2.26	- .71	.61	23+	.0	0		6	2	0
WHEATON 3 SE	63.4M	40.1M	51.8M		79	21	28	24+	401	0	0	5	0	1.60	- 1.01	.43	24	.0	0		4	0	0
* * * NOVEMBER 1978																							
WATERLOO	57.6	38.5	48.1		83	5	28	28	506	0	0	5	0	4.64	1.80	1.82	26	.0	0		7	3	1
* * * DECEMBER 1978																							
KEWANEE 1 E	31.4	13.1	22.3	- 5.1	42	13	-15	10	1317	0	10	31	3	0 1.24	- .62	.35	31	12.0			4	0	0
WHEATON 3 SE	32.5	15.2	23.9		42	3	-11	10	1270	0	13	31	4	3.22	1.15	.71	30	20.9	10	8+	9	1	0
* * * JANUARY 1979																							
KEWANEE 1 E	17.0M	- .7M	8.2M	-14.9	34	20	-21	15	1759	0	30	31	18										
* * * FEBRUARY 1979																							
KEWANEE 1 E	21.1	3.2	12.2	-14.8	42	23	-18	5	1477	0	23	28	13	D .51	- .88	.41	21	1.0			2	0	0
WHEATON 3 SE	26.0	7.7M	16.9M		43	28	-20	5	1337	0	20	27	8	1.35	- .08	.34	21	10.4	28	12+	6	0	0
* * * MARCH 1979																							
KEWANEE 1 E	43.2	26.2	34.7	- 2.2	67	20	4	11	931	0	3	23	0	0 3.68	1.12	.95	29	1.6			8	4	0

See Reference Notes Following Station Index

LATE REPORTS
DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
OCTOBER 1978																																
GALESBURG	2.26		.61			.22	T			T	.45	.13		T						.04				.61		.07	.13					
WHEATON 3 SE	1.60	.08		.22		.08	.05				.01	.02					.09	.07		.13			T		.43	.05	.37					
* * *																																
NOVEMBER 1978																																
WATERLOO	4.64				.01			.21							.44	.75	.05	.90				T		.24			1.82	.22				
* * *																																
DECEMBER 1978																																
KEWANEE 1 E	D 1.24	D .25	D .05	.20			T	.32	.03											T	T	T					T	T		.04	T	.3
WHEATON 3 SE	3.22	.32	.39	.34	T		.20	.48				.01										.02	.13	.01			.06			.32	.71	.2
* * *																																
JANUARY 1979																																
KEWANEE 1 E	-	.50											-	-	-								T	T	-					T		-
* * *																																
FEBRUARY 1979																																
KEWANEE 1 E	D .51											T	T	T	T	T	T	T	D .10	T		.41			T				T			
WHEATON 3 SE	1.35					.03		.01	.01			.15	.32						.02	.12		.34		.23					.12			
* * *																																
MARCH 1979																																
KEWANEE 1 E	D 3.68	.08	T	.02	D .06	T	T	.05	.03	.22	T	.15		T	T	T			.18	.54		T	T	T	T	.07	T		.10	.95	.73	.5

See reference notes following Station Index.

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *	MAX MIN																																
OCTOBER 1978	MAX MIN																																
GALESBURG	MAX	72	72	67	69	57	56	55	60	74	61	62	61	59	52	62	54	56	59	65	77	80	72	52	57	64	57	65	56	61	70	58	62.6
	MIN	43	49	46	48	48	44	39	33	42	52	51	45	35	33	38	32	35	41	33	34	51	48	34	32	43	35	36	30	38	41	39	40.3
WHEATON 3 SE	MAX	71	74		64	62	53	53	60	74	76	63	62	62	57	52	54	57	68	61	75	79	76	62	57	59	59	65	62	58	71	57	63.4
	MIN	47	43	42	45	50	48		29	35	52	52	46	38	34	30	40	28	40	35	34	47	58	44	28	44	40	35	34	31	39	35	40.1
* * *	MAX MIN																																
NOVEMBER 1978	MAX MIN																																
WATERLOO	MAX	78	72	78	78	83	82	48	53	64	69	70	73	67	78	42	40	56	45	52	38	39	40	53	56	48	48	44	38	44	52		57.6
	MIN	47	42	47	52	53	48	36	30	36	36	43	42	45	41	34	35	40	41	30	35	34	36	37	35	33	40	36	28	32	30		38.5
* * *	MAX MIN																																
DECEMBER 1978	MAX MIN																																
KEWANEE 1 E	MAX	34	38	35	34	34	34	18	15	11	9	27	35	42	30	38	37	36	37	38	38	37	33	34	38	31	27	25	25	34	35	35	31.4
	MIN	16	17	10	9	14	11	12	7	- 4	-15	- 8	23	21	15	18	15	20	22	27	32	14	16	12	24	7	8	3	7	19	22	12	13.1
WHEATON 3 SE	MAX	32	30	42	31	34	34	32	25	13	10	32	40	37	35	39	36	35	41	39	35	35	35	39	38	28	25	24	30	35	36	30	32.5
	MIN	20	13	28	8	27	12	18	10	- 5	-11	4	4	23	12	25	18	16	22	28	28	13	20	14	28	11	15	0	0	25	27	18	15.2
* * *	MAX MIN																																
JANUARY 1979	MAX MIN																																
KEWANEE 1 E	MAX	19	12	- 5	3	3	4	10	10	7	15	5	14	21		23	10	30	17	26	34	31	26	28	31	13	16	24	21	21	25	17	17.0
	MIN	9	-16	-16	- 9	- 4	-17	- 8	-12	-10	- 5	-15	- 5	14		-21	-16	3	- 6	- 4	25	22	14	18	5	- 5	3	15	19	0	1	0	- .7
* * *	MAX MIN																																
FEBRUARY 1979	MAX MIN																																
KEWANEE 1 E	MAX	12	12	19	22	2	8	28	7	6	6	13	21	30	26	33	29	13	9	9	23	35	34	42	36	31	23	29	32				21.1
	MIN	- 9	- 4	10	-12	-18	-11	- 6	- 5	-15	- 8	5	9	10	15	24	5	- 8	- 1	-12	-11	21	20	29	15	15	10	4	18				3.2
WHEATON 3 SE	MAX	20	21	26	21	4	26	24	12	11	18	23	25	25	26	27	23	15	15	18	37	36	37	42	42	32	38	42	43				26.0
	MIN	- 2	5	13	- 6	-20	- 8	4	- 8	-11	-11	10	17	14	15	23	10	- 1	4		8	29	14	34	20	20	15	6	15				7.7
* * *	MAX MIN																																
MARCH 1979	MAX MIN																																
KEWANEE 1 E	MAX	36	37	39	43	33	34	41	34	39	35	15	36	38	51	36	37	43	46	63	67	48	48	63	57	27	30	36	41	63	61	63	43.2
	MIN	27	30	31	32	17	13	24	31	31	10	4	11	25	21	7	14	31	33	43	37	34	32	43	26	17	18	24	26	38	45	37	26.2

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
April 1978	Monthly Summarized Station and Divisional Data	West 03	Quincy PAA AP	Precipitation departure from normal, 1.73.
February 1979	Monthly Summarized Station and Divisional Data	Northeast 02	Antioch 2 NW	Total snowfall, 14.2.
February 1979	Snowfall and Snow on Ground	Northeast 02	Antioch 2 NW	Snowfall on 22d, 0.2.
February 1979	Monthly Summarized Station and Divisional Data	Northeast 02	Division	Average Snowfall, 9.0.
February 1979	Monthly Summarized Station and Divisional Data	East Southeast 07	Tuscola	Average maximum, 27.5; Average minimum, 10.0; Average temperature. 18.8; Total degree days, 1287; Number of days with minimum 0 or below, 9. Total precipitation, 1.30. Departure from normal, -.76. Total snowfall, 4.0.
February 1979	Daily Precipitation	East Southeast 07	Tuscola	Total, 1.30. Amount on 9th, 0.
February 1979	Daily Temperatures	East Southeast 07	Tuscola	Maximum on 9th, 10; minimum on 9th, -9. Average maximum, 27.5; average minimum, 10.0.
February 1979	Snowfall and Snow on Ground	East Southeast 07	Tuscola	Snowfall on 9th, 0.
March 1979	Daily Precipitation	West Southwest 06	Bluffs	Total, 3.01. Amount on 9th, .61; 10th, .00; 11th, .00.
March 1979	Daily Precipitation	East Southeast 07	Diona 3 SW	Amount on 25th, 0.15.
April 1979	Monthly Summarized Station and Divisional Data	Central 04	Decatur	Average maximum, 61.3. Average minimum, 40.2. Average temperature, 50.8. Departure from normal, -3.1. Total degree days, 423. Total precipitation, 7.87. Departure from normal, 3.56. Number of days with precipitation .10 or more, 10.
April 1979	Daily Precipitation	Central 04	Decatur	Total 7.87. Amount on 29th, 0; 30th, .09.
April 1979	Monthly Summarized Station and Divisional Data	Central 04	Division	Average precipitation, 5.93. Departure from normal, 1.69.
April 1979	Evaporation and Wind	West Southwest 06	Springfield WSO AP	Evaporation on 12th, missing; 23d, .07; 26th, .29. Total, 4.40B. Wind on 19th, 89. Total, 3212B.

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Ommission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
‡	DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH

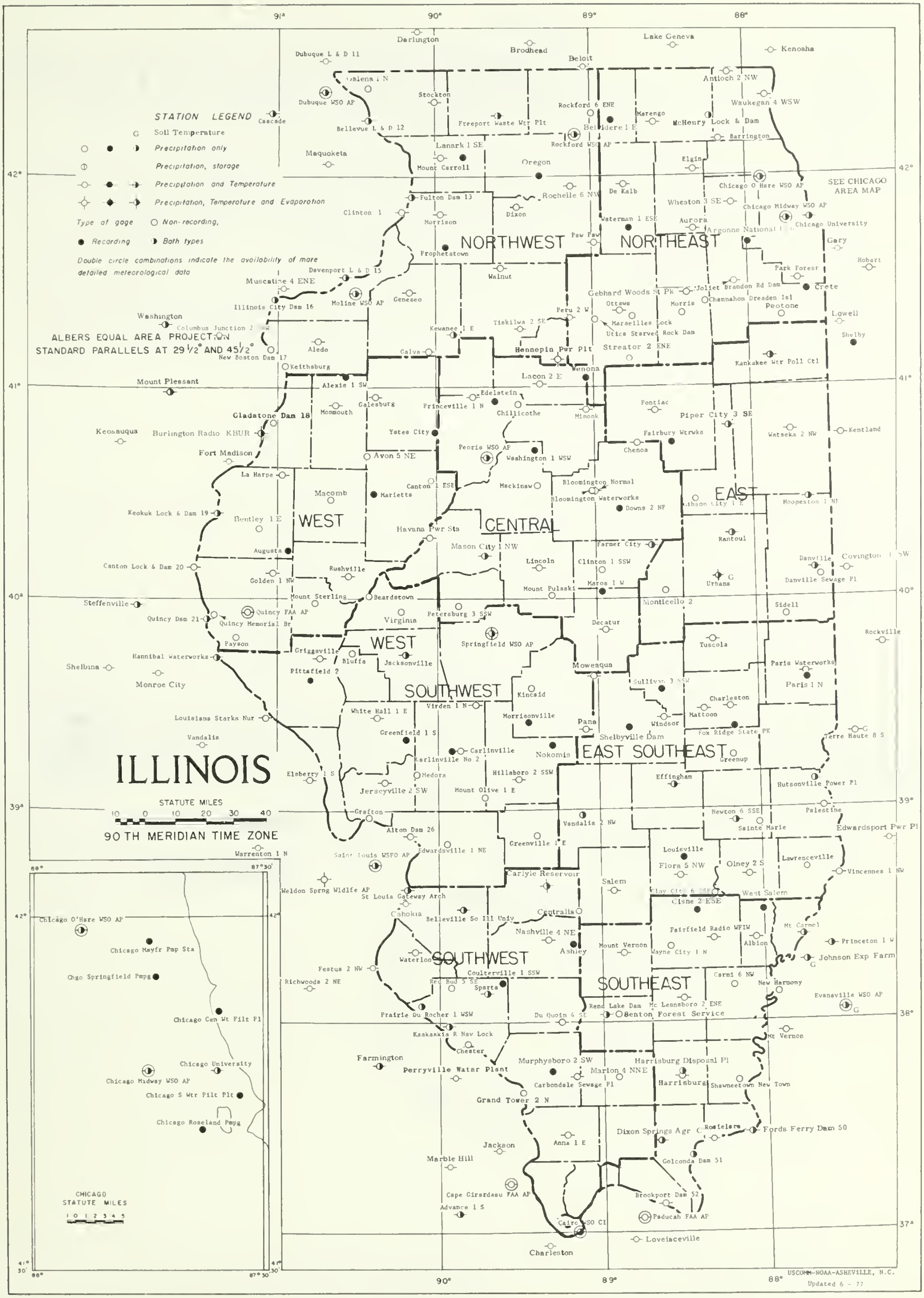
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210

U.S.MAIL

THIRD CLASS
BULK RATE

5.21-/12: 84/7

JULY 1979 VOLUME 84 NUMBER 7

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	DU QUOIN 4 SE	101	DATE 15
LOWEST TEMPERATURE:	2 STATIONS	42	DATE 06+
GREATEST TOTAL PRECIPITATION:	MT CARMEL	14.26	
LEAST TOTAL PRECIPITATION:	ANTIOCH 2 NW	1.26	
GREATEST 1 DAY PRECIPITATION:	WATERLOO	5.32	DATE 28

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME CENTRAL 00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	28	SW	28	-	-	-	-	0	5	6	1	0	0	12	46	-
CHICAGO O HARE WSO AP	11	0.6	8.6	25++	2	04	70	80	55	51	4	2	5	0	1	0	12	-	5.5
CHICAGO MIDWAY WSCMO AP	8	1.1	8.6	20	N	16	73	80	56	56	4	1	5	0	0	1	11	70	6.5
MOLINE WSO AP	12	2.3	6.7	46	W	30+	84	86	57	58	5	5	2	3	1	0	16	44	6.7
PEORIA WSO AP	10	2.2	6.9	32	N	13	83	89	59	62	1	4	1	2	2	0	10	57	6.5
ROCKFORD WSO AP	15	1.2	7.0	24++	5	04	87	89	56	60	4	3	3	1	2	0	13	-	5.6
SPRINGFIELD WSO AP	10	1.7	7.9	32	N	13	83	89	61	64	0	3	7	2	1	0	13	64	7.3

CLEMSON UNIVERSITY LIBRARY
NOV 26 1979
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JULY 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
NORTHWEST 01																							
ALEDO	84.6	62.8	73.7	- 1.2	90	27+	47	6	6	3	0	0	0	6.48	2.39	2.08	4	.0	0		8	5	4
DIXON	81.3	59.9	70.6	- 3.6	89	13	45	6	12	0	0	0	0	2.75	- 1.17	1.15	4	.0	0		5	2	1
FREEPORT WASTE WTR PLT	82.9	59.9	71.4		90	24	46	6	12	1	0	0	0	3.00		.89	25	.0	0		7	2	0
FULTON DAM 13	82.8	63.0	72.9	- 1.6	89	13	52	7+	2	0	0	0	0	2.68	- 1.29	.90	14	.0	0		4	3	0
GALVA	83.6	62.1	72.9	- 1.5	91	24	49	6	9	2	0	0	0	3.89	- .11	1.55	4	.0	0		5	2	2
GENESEO	83.9	63.3	73.6		90	27+	48	6	7	3	0	0	0	3.64	- .52	1.20	3	.0	0		5	3	2
HENNEPIN POWER PLANT	85.5M	60.0	72.8M		92	24	44	6	2	6	0	0	0	2.12		1.03	14	.0	0		5	1	1
KEWANEE 1 E	82.4	59.8	71.1	- 3.7	89	23	44	6	13	0	0	0	0	4.91	.68	2.50	14	.0	0		5	3	2
MOLINE WSO AP R	84.7	62.2	73.5	- 1.0	91	23+	47	6	5	4	0	0	0	4.40	- .18	1.27	14	.0	0		6	4	1
MORRISON	82.9		M		89	28+				0	0			3.34	- .48	1.05	14	.0	0		5	2	1
MOUNT CARROLL	82.1	58.1	70.1	- 2.7	88	27+	42	5	21	0	0	0	0	5.33	1.31	1.81	14	.0	0		6	6	1
PAW PAW	81.6	59.7	70.7		89	28	48	18	14	0	0	0	0	2.02	- 2.13	.65	15	.0	0		6	2	0
ROCHELLE	82.8M	57.8M	70.3M		91	22	47	18+	17	1	0	0	0	2.90		.90	4	.0	0		6	2	0
ROCKFORD WSO AP //R	82.4	60.5	71.5	- 1.3	89	23+	45	6	9	0	0	0	0	4.34	.07	1.73	27	.0	0		6	3	2
STOCKTON 1 N	80.9	57.8	69.4		87	12	43	6	22	0	0	0	0	4.96		1.24	4	.0	0		7	5	2
TISKILWA 2 SE	82.9	60.7	71.8		89	27	45	6	9	0	0	0	0	3.68	- .12	1.39	4	.0	0		6	2	2
WALNUT	83.7	61.6	72.7	- 2.4	89	27	48	6+	7	0	0	0	0	2.35	- 1.25	.90	14	.0	0		6	1	0
DIVISION			71.8	- 2.2										3.69	- .44			.0					
NORTHEAST 02																							
ANTIOCH 2 NW	81.8	57.5	69.7	- 2.5	89	28+	44	6	24	0	0	0	0	1.26	- 2.53	.30	28	.0	0		4	0	0
AURORA	82.7	60.4	71.6	- 1.3	89	27+	45	6	10	0	0	0	0	3.68	- .10	1.99	31	.0	0		6	2	2
BARRINGTON	81.5	59.9	70.7		90	24	44	6	23	1	0	0	0	1.71		.54	31	.0	0		5	1	0
CHICAGO O'HARE WSO AP R	84.4	59.5	72.0	.1	94	23	43	6	16	8	0	0	0	2.19	- 1.27	1.03	30	.0	0		6	1	1
CHICAGO UNIVERSITY //	82.3	63.8	73.1	- .6	91	24	53	18+	7	2	0	0	0	2.95	- .62	1.94	30	.0	0		6	1	1
CHICAGO MIDWAY WSCMO //R	81.7	64.0	72.9	- 1.8	89	27+	53	18	2	0	0	0	0	3.80	- .29	2.43	30	.0	0		6	1	1
DE KALB	82.5	62.5	72.5	- .6	88	28+	46	6	9	0	0	0	0	7.00	2.49	2.79	28	.0	0		5	4	3
ELGIN	81.7M	59.3M	70.5M		89	24	45	6	15	0	0	0	0	3.82	- .03	1.48	28	.0	0		5	3	2
GEBHARD WOODS ST PARK	84.3M	59.4M	71.9M		90	24+	44	6	12	2	0	0	0	4.63		1.60	15	.0	0		7	4	2
JOLIET BRANDON RD DAM	82.8	62.0	72.4	- 1.8	90	24	50	18	5	1	0	0	0	4.97	1.05	2.23	31	.0	0		6	3	2
MARENGO	85.1	59.0	72.1	- .6	92	27	43	6	9	6	0	0	0	2.67	- 1.14	1.62	29	.0	0		3	2	1
OTTAWA	85.1M	62.4M	73.8M	- 1.7	91	24+	48	6	3		0	0	0	3.86	- .17	1.55	4	.0	0		4	3	2
PARK FOREST	81.6	61.2	71.4		90	24+	48	18	17	2	0	0	0	3.15	- .84	1.91	30	.0	0		4	1	1
PERU 2 W	84.9	61.5M	73.2M	- 2.2	90	30+	48	18	5	6	0	0	0	4.74	.71	2.67	4	.0	0		5	3	2
WAUKEGAN	79.4	57.8	68.6	- 3.3	88	28+	45	6	42	0	0	0	0	3.16	- .17	1.45	28	.0	0		5	2	1
WHEATON 3 SE	84.6	59.4	72.0		91	23	42	6	12	3	0	0	0	3.58	- .26	1.11	4	.0	0		7	2	1
DIVISION			71.8	1.9										3.57	- .27			.0					
WEST 03																							
GALESBURG	83.3	62.9	73.1		90	13	52	18+	2	1	0	0	0	4.03	.05	1.31	25	.0	0		5	4	1
GOLDEN 1 NW	87.1	64.0	75.6		97	14	50	6	1	8	0	0	0	4.51	- .24	1.66	24	.0	0		7	3	2
LA HARPE	86.2	63.7	75.0	.6	95	13	51	6	1	7	0	0	0	5.66	1.88	2.08	25	.0	0		7	4	2
MONMOUTH	84.3	61.7	73.0	- 1.8	90	23+	47	6	7	3	0	0	0	3.79	- .28	1.65	25	.0	0		6	3	1
QUINCY FAA AP	85.3	66.0	75.7		96	13	54	6	0	5	0	0	0	3.06	- 1.36	.96	15	.0	0		4	3	0
QUINCY DAM 21 //	86.4	63.9	75.2		98	14	55	20	0	9	0	0	0	1.85	- 2.38	1.10	25	.0	0		3	1	1
RUSHVILLE	86.7	64.1	75.4	- .9	96	13	52	19+	0	7	0	0	0	4.05	.03	1.11	26	.0	0		7	3	1
DIVISION			74.7	- 1.3										3.85	- .24			.0					
CENTRAL 04																							
CHENOA	83.3	60.1	71.7		89	30	47	5	7	0	0	0	0	7.10		2.83	25	.0	0		6	4	3
DECATUR	87.1	61.6	74.4	- 2.1	95	13	47	18	0	10	0	0	0	7.14	3.92	2.19	31	.0	0		7	5	2
FARMER CITY	82.7M	62.0	72.4M		89	27	50	5	5		0	0	0	8.27		2.45	4	.0	0		6	4	4
HAVANA 4 NNE	87.0	62.7	74.9		94	12	50	6	1	9	0	0	0	7.48	3.68	2.40	25	.0	0		6	4	3
LACON 2 E	84.7	60.8	72.8		90	30+	46	6	6	4	0	0	0	5.57		2.48	14	.0	0		8	4	1
LINCOLN	85.2	63.6	74.4	- 1.8	92	13	52	6	0	1	0	0	0	4.03	.47	1.19	25	.0	0		8	3	2
MASON CITY 1 NW	84.9	62.6	73.8		92	13	49	6	1	3	0	0	0	4.98		1.74	25	.0	0		7	3	2
MINONK	85.4	62.3	73.9	- .4	93	13	48	6	10	10	0	0	0	4.70	.73	1.60	4	.0	0		6	4	1
NORMAL	83.9	63.3	73.6	- 2.1	90	13	50	6	5	1	0	0	0	5.80	2.13	2.53	25	.0	0		7	4	1
PEORIA WSO AP //R	83.7	62.3	73.0	- 2.1	90	23+	51	18+	3	3	0	0	0	4.81	1.05	1.81	25	.0	0		5	4	2
PRINCEVILLE	83.5	58.0	70.8		90	13	44	5	16	1	0	0	0	4.04	.35	1.03	5	.0	0		9	3	1
DIVISION			73.2	- 2.3										5.81	2.14			.0					
EAST 05																							
DANVILLE	83.9	62.1	73.0	- 2.1	91	30	49	6	3	1	0	0	0	8.56	4.37	2.62	4	.0	0		10	4	3
HOOPESTON 1 NE	81.9	61.9	71.9	- 2.9	89	30	48	5	6	0	0	0	0	6.58	2.65	1.68	4	.0	0		8	5	3
KANKAKEE WTR POLL CTR	82.5	60.6	71.6		90	24	49	18+	6	1	0	0	0	3.98		1.34	31	.0	0		5	3	3
PIPER CITY 3 SE	83.3	60.9	72.1	- 2.2	90	30	47	18+	9	1	0	0	0	6.57	2.90	2.30	14	.0	0		5	3	3
PONTIAC	82.5	62.6	72.6	- 2.4	88	30+	49	5	6	0	0	0	0	5.56	1.33	2.04	4	.0	0		7	3	2
RANTOUL	83.1	61.1	72.1		92	14	49	18	7	3	0	0	0	10.60	6.94	3.04	25	.0	0		8	4	4
URBANA	82.4	62.5	72.5	- 2.8	90	30	51	5	2	1	0	0	0	8.44	4.55	3.46	31	.0	0		9	5	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	81.4	59.5	70.5		88	31	47	18	11	0	0	0	0	5.99	1.38	2.91	25	.0	0		4	2	2
DIVISION			72.0	- 2.8										7.04	3.03			.0					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	86.7	68.2	77.5		96	14	58	6+	0	8	0	0	0	2.89		1.33	26	.0	0		3	2	2
CARLINVILLE	87.0	63.8	75.4	- 1.4	95	14+	51	6	0	8	0	0	0	4.37	.58	.85	29+	.0	0		6	5	0
GRIGGSVILLE	84.9	65.6M	75.3M	- 1.7	95	13	55	18	0	3	0	0	0	3.04	- 1.20	1.58	24	.0	0		5	2	1
HILLSBORO	89.4	60.9	75.2	- 1.5	99	14	50	19+	0	16	0	0	0	5.90	2.07	1.80	30	.0	0		9	5	1
JACKSONVILLE 2 E	85.2	61.1	73.2	- 3.0	94	14	49	18	3	3	0	0	0	4.67	.75	1.44	24	.0	0		6	5	1
JERSEYVILLE 2 SW	86.1M	63.9M	75.0M		98	15	53	18	2	9	0	0	0	5.27		1.70	27	.0	0		6	5	2
PANA	83.0	65.1	74.1	- 2.5	91	13	53	18+	1	3	0	0	0	7.04	3.35	2.50	27	.0	0		10	5	3
SPRINGFIELD WSO AP R	85.8	64.9	75.4	- .7	94	13	52	6	0	7	0	0	0	4.63	.82	1.38	24	.0	0		10	3	1
VIRDEN 1 N	86.9	61.3M	74.1M		94	13	49	18	2	10	0	0	0	5.40	1.64	2.02	31	.0	0		7	3	2
WHITE HALL 1 E	86.8	65.2	76.0	- .7	95	14+	55	19+	0	10	0	0	0	3.80	- .01	3.00	24	.0	0		4	1	1
DIVISION			75.1	- 1.7										4.70	.93			.0					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	83.6	64.0	73.8	- 2.6	90	30	52	5	0	1	0	0	0	9.84	6.20	2.51	28	.0	0		10	6	5
EFFINGHAM 3 W	83.0	63.3	73.2	- 3.3	90	31+	53	6	2	2	0	0	0	9.59	5.87	3.19	28	.0	0		11	7	3
FLORA 5 NW	85.2	63.6	74.4	- 2.8	91	14+	52	6	0	5	0	0	0	11.99	8.53	5.25	28	.0	0		11	9	2
MATTOON	82.9	63.8	73.4		91	30+	52	6+	0	2	0	0	0	9.67		3.34	28	.0	0		11	6	3
MOWEAQUA	85.5	64.8	75.2		94	13	52	6	0	5	0	0	0	4.73		1.35	31	.0	0		9	3	2
NEWTON 6 SSE	84.5	63.4	74.0		91	3	50	6	2	6	0	0	0	11.28	7.59	3.25	28	.0	0		11	6	3
OLNEY 2 S	85.6	65.4	75.5	- 1.8	92	30	55	6	0	3	0	0	0	9.55	5.97	2.61	27	.0	0		14	5	3
PALESTINE	83.9	66.1	75.0	- 2.4	91	30	53	6	0	1	0	0	0	11.32	7.50	2.70	12	.0	0		10	6	4
PARIS WATERWORKS	83.3	64.0	73.7	- 2.5	91	30	51	5	1	2	0	0	0	9.54	5.71	3.98	28	.0	0		11	5	3
SALEM	86.3	66.8	76.6		95	15+	57	6	0	8	0	0	0	6.92		3.74	28	.0	0		7	4	1
TUSCOLA	84.9	64.1	74.5		92	13	52	5	0	3	0	0	0	6.87	3.40	1.75	31	.0	0		9	5	3
VANDALIA 3 SW																							
WINDSOR	84.5	62.4	73.5	- 2.6	92	13	50	6	2	2	0	0	0	8.13	4.62	3.37	28	.0	0		9	4	2
DIVISION			74.4	- 2.2										9.12	5.43			.0					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	86.5M	68.4M	77.5M	- .3	94	15+	61	18	0	10	0	0	0	5.55	1.97	1.49	9	.0	0		10	3	2
BELLEVILLE SO ILL UNIV	87.8	65.0	76.4		95	15+	54	18	0	11	0	0	0	6.50		3.93	28	.0	0		10	1	1
CAHOKIA	87.5	65.3M	76.4M		97	15	56	7	0	11	0	0	0	5.42		2.20	27	.0	0		3	3	3
CAIRO WSO CI R	87.6	73.2	80.4	- .3	95	3	65	7	0	12	0	0	0	2.92	- .32	.81	2	.0	0		7	1	0
CARBONDALE SEWAGE PL	85.4	66.7	76.1	- 2.1	93	16	59	1	0	7	0	0	0	6.54	3.07	2.59	9	.0	0		9	4	2
CARLYLE RESERVOIR	86.4	66.4	76.4	- 1.3	95	16	54	6	0	6	0	0	0	5.66	2.16	3.48	28	.0	0		5	3	1
DU QUOIN 4 SE	88.2	67.0	77.6	- .5	101	15	59	6	0	11	0	0	0	4.62	1.05	1.50	27	.0	0		9	4	1
KASKASKIA R NAV LOCK	88.6	66.7	77.7		98	16+	59	21+	0	13	0	0	0	5.90		3.82	28	.0	0		8	2	1
MARION 4 NNE	86.1	66.5	76.3		95	16	59	2+	0	9	0	0	0	5.30	1.81	1.58	26	.0	0		9	3	1
NASHVILLE 4 NE	86.3	67.6	77.0		94	14	58	18	0	7	0	0	0	7.00	3.63	3.02	28	.0	0		10	4	2
SPARTA	90.2	67.3	78.8	.2	98	15+	58	18	0	17	0	0	0	8.38	4.72	4.11	28	.0	0		7	5	2
WATERLOO	86.8M	66.1	76.5M		95	15+	57	18	0		0	0	0	7.74	4.19	5.32	28	.0	0		7	3	1
DIVISION			77.3	- .9										5.96	2.38			.0					
• • •																							
SOUTHEAST 09																							
ALBION																							
BROOKPORT DAM 52	86.9	68.9	77.9		95	15	61	1	0	10	0	0	0	2.21	- 1.41	.52	13	.0	0		7	1	0
DIXON SPRINGS AGR C	86.2	67.9	77.1		94	15	60	1	0	7	0	0	0	5.77		1.46	24	.0	0		9	5	2
FAIRFIELD RADIO WFIW	85.5	66.3	75.9	- 1.3	94	15	56	1	0	5	0	0	0	6.36	2.20	1.13	3	.0	0		10	6	1
HARRISBURG	88.3	68.5	78.4	- .4	95	14	60	19	0	12	0	0	0	7.73	4.25	1.80	25	.0	0		11	7	2
MC LEANSBORO 2 ENE	86.1	66.1	76.1	- 2.2	94	5	58	1	0	7	0	0	0	4.26	.46	1.79	28	.0	0		9	2	1
MT CARMEL	85.2	66.5	75.9		92	31	54	5	0	4	0	0	0	14.26		4.60	27	.0	0		15	6	4
MT VERNON 3 NE	89.5	M	M		95	16	56	1		16	0	0	0	6.76	2.87	2.55	28	.0	0		10	3	2
RENO LAKE DAM	86.8	68.1	77.5		94	16+	61	1	0	10	0	0	0	5.23		1.64	28	.0	0		8	5	1
ROSICLARE	84.8	67.4	76.1		91	15	59	19	0	3	0	0	0	2.70	- .93	.82	12	.0	0		6	1	0
DIVISION			76.9	- 1.2										6.14	2.31			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	6.48			1.05	2.08							.20			.50	.12									1.02	.24				.04	1.23	
DIXON	2.75	.11			1.15										.79	.08										.05			.13	.04	.05	.34
FREEPORT WASTE WTR PLT	3.00				.53										.26	T							.32			.89			.48		.38	.14
FULTON DAM 13	2.68				.25	T							.08		.90	.08										.64			.06		.05	.62
GALENA 1 N	5.94				1.48										1.88	T							.34	T		1.30	T		.04		.88	.01
GALVA	3.89				1.55										1.48	.07										.40	.21				.04	.13
GENESEO	3.64			1.20	.01									.84	1.15	.01							.01		.17	.04		.03		.01	.17	
HENNEPIN POWER PLANT	2.12	.05			.38										1.03	.14									.21	.09	.01				.20	.01
ILLINOIS CITY DAM 16 //	5.62				2.27								.40		1.13	.19	.05								T	.30	.50		.32	T	.41	.05
KEITHSBURG	3.65				.70	T									.16	T									.02	.92	.10	.02	.02	T	1.71	
KEWANEE 1 E	4.81				1.13	T									2.50	.05										.27	.62	T	.07		.26	.01
MOLINE WSO AP R	4.40			.87	T							.02		.98	1.27	.02		T					T		.27	.31	T	.05	.01	.08	.52	T
MORRISON	3.34				.96										1.05	.02									T	.48			.30		.48	.05
MOUNT CARROLL	5.33				.61										1.81	.02									.95	.71		.50		.70	.03	
NEW BOSTON DAM 17	5.33				.23	T							1.82		.30	.04	T								.72	.28	.18				1.75	
PAW PAW	2.02				.60										.20	.65										.12			.10	T	T	.35
ROCHELLE	2.80				.80										.27	.19										.40			.42			.72
ROCKFORD 6 ENE	-	.05			1.02										.44	.01						-	-	-	-	-	-	-	-	-	-	-
ROCKFORD WSO AP //R	4.34			.86	T									.01	.15	T						T	.13		.34	.05		1.73		T	1.06	.01
STOCKTON 1 N	4.86				1.24										.51						.22				1.03	.41		.73			.82	
TISKILWA 2 SE	3.68			.37	1.38									.17	1.27	.01									.30	.04					.13	T
WALNUT	2.35			.40	.48									.12	.90										.22	.03			.04		.16	
* * * NORTHEAST 02																																
ANTIOCH 2 NW	1.26	.02			.09								T		.07	.04							.15	.09	.23	.03			.30			.24
AURORA	3.68	.02			1.04					.18					.12	.08										.11	T	.01		.12	.01	1.99
BARRINGTON	1.71				.12					.22					.01								.08		.06	.41			.27	T		.54
CHANNAHON DRESDEN ISL	3.81				.67					.03					.19	.86										.47					.26	1.33
CHICAGO O'HARE WSO AP R	2.19			.15	T				.02					T	.10								.22		.36	.02		T	.28		1.03	T
CHICAGO UNIVERSITY //	2.95		.17		.18					.16		.01			.02	.22								T		.20	T			.05	1.84	T
CHICAGO MIDWAY WSCMO //R	3.80			.21	T				.20					T	.27			T					T		.15	.05			.49		2.43	
DE KALB	7.00	.03			1.16										.16	.01							.04			.08	.69		2.79		2.04	
ELGIN	3.82	.08			.46											.10							.02			.56			1.48		1.12	
GEBHARD WOODS ST PARK	4.63	.16			.79					.22					.26	1.60										.55					1.05	
JOLIET BRANDON RD DAM	4.87	.12			1.19					.08					.05	.43										.24					.63	2.23
MARENGO	2.67				.45									T	T								.05							1.62	55	
MARSEILLES LOCK	3.30				1.52					.10					.65	.67										.21	.01			T	.05	.09
MC HENRY LOCK AND DAM	1.69	T			.09					T						T									.08	.14	T		1.02		T	.36
MORRIS	3.70	.10			.69					.38					.16	1.08										.40	T				.06	.83
OTTAWA	3.86			.05	1.55				.01						1.38											.76					.11	
PARK FOREST	3.15	.18			.42					.06				T	.03	.07										.47				T	1.81	
PEOTONE	5.63				1.33					.04					.02	.03										2.25						1.96
PERU 2 W	4.74				2.67									.15	1.16										.08	.50						.18
STREATOR 2 ENE	3.87	.01		.23	1.35					.02				.27	1.06											.74					.02	.17
UTICA STARVED ROCK DAM	3.67	.07			1.42					.04					.92	.18									.07	.87	.01				.05	.04
WAUKEGAN	3.16	.42			.08	.01																	.07	.78	.01	.18			1.45			.15
WHEATON 3 SE	3.58				1.11						.07				.16	.20								.04		.33	.48	.02	.69	.48		
* * * WEST 03																																
AVON 5 NE	5.90	.04				.45									.40	.06									.40	3.87			.08	.28	.22	
BENTLEY 1 E	4.09			.40	.17			T						.01	.07	.14									1.08	1.46	.01	.72	.01	.01	.01	
CANTON 1 ESE	5.89			.10	.30									.10	.65	.02									.35	3.68	.10	T		.22	.28	.08
GALESBURG	4.03				.79										.57	.02	.05									1.31	.07			T	.97	.25
GLADSTONE DAM 18	4.51				1.56								T		.83	.02	.11								.08	1.33	.23				.35	
GOLDEN 1 NW	4.51				.31											.46									1.66	1.04	.54	.25		.25		
LA HARPE	5.66				.92										.17	.23		T							.15	2.08	.76				.07	1.28
MACOMB	4.14				.59										.06	.12	.11								.12	2.00	.75	.07	.01		.01	.30
MONMOUTH	3.79			.11	.57										.40	.09									.46	1.65	.01				.50	
MOUNT STERLING	3.00				.57											.58									.78	.60	.45	.02				
PAYSON	3.97			T	.22	T	T						T			.53									1.55	.85	.01		.20	.01	T	.60
QUINCY FAA AP	3.06			T	.68	T										.96									.95	.37			T	.06	T	.04
QUINCY DAM 21 //	1.85				.21								.03			T									.28	1.10	.05		.08	.04	.04	.01
QUINCY MEMORIAL BRIDGE	2.10			T	.41	T	T						T			.07	T								.28	1.30	T		T	.03	T	
RUSHVILLE	4.05			.44	.47									.04	T	.32									.48	.50	1.11	.65		.04		
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	4.06	.16			.48										.15	.22									.08	2.66	T			.28	T	.02
CHENOA	7.10			.65	1.53				T					.21	1.71									T	T	2.83				.17	T	
CHILLICOTHE	3.97				.83										1.52	.08										1.33				.10	.08	.03
CLINTON 1 SSW	5.12				.30				T					T	.33									.20	T	2.84		.10	.02	.12	.87	.34
DECATUR	7.14				.51				T						.68	.35									.94	.07	.08	T	.32			2.19
FARMER CITY	8.27	.17			2.45					.09					1.43	.13										2.09			T			1.91
HAVANA 4 NNE	7.48				.67										1.51	T	.03								.47	2.40	.23			.02		2.15
LACON 2 E	5.57			.45	.52									.35	2.48										.07	.72	.14			.54	.30	T
LINCOLN	4.03				.12										1.00	.08									.31	1.19	.06		.22	.11	.14	.80
MACKINAW	4.63			.83	.08									.21	.32										.11	2.97					.11	
MASON CITY 1 NW	4.98			.02	.11									.86	.04	T									.26	1.74	.06	.35		T	1.23	.21
MINONK	4.70				1.60					.25					.80	.80									T	.95				T	T	.20
MOUNT PULASKI	6.68				.10									.47	2.25										.30	1.70			.35		.78	.73
NORMAL	5.80	.06		.43	.04				T	.02					.94	.72									.26	2.53				.67	.10	.03
PEORIA WSO AP //R	4.81			.53										.45	1.15			T							.62	1.81	.02		.06	.08	.08	
PETERSBURG 3 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCEVILLE	4.04			.51	T	1.03								.41		.41									.11		.93			.23	.12	.28
* * * EAST 05																																
DANVILLE	8.56			.22	2.62				.27				.04	.47	.67	.02								.41	.11	1.35	.03		.45	.03		1.87
DANVILLE SEWAGE PLANT	7.79				2.51				.04	.19				.59	.44	.42								.24	.10	1.15	T	.06	.46	.01	.78	.80
GIBSON CITY 1 E	8.59	.06			2.42					.12					1.43	.16									.50	3.50	.08			.01		.31
HOOPESTON 1 NE	6.58	.04			1.68				.02	.54				.42	1.17	.42									T	1.31	.19					.79
KANKAKEE WTR POLL CTR	3.88	.19			1.02					.07						.20										1.16	T					1.34
MONTICELLO 2	8.28				2.58				.04	.10					.50	.38									.13	3.40	.09			.14		.83
PIPER CITY 3 SE	6.57	T			1.73				T	.11	T				2.30	.13										2.23	.03			T		.04
PONTIAC	5.56				2.04					.11					.98	.23									T	1.75	T				.24	.21
RANTOUL	10.60				2.43	T			T	.20					.30	1.02									.17	3.04	.44			T		3.00
SIDELL	6.74	.07			.57				.12	.37				.50	.31	.78									.12	.13	.35		.61	.20		2.60
URBANA	8.44				.30				.09	.11				.02	.74	.73									.12	1.50	1.08		.25	.04	T	3.46
WATSEKA 2 NW	5.99				2.65					.14				.08		.15		T								2.81	.06					T
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	2.88			T	.02		T								T										T	.03	1.33	T	1.25			.26
BEARDSTOWN	4.14				.72										.05	.20								.86	1.61		.55		.04	.11		
BLUFFS	6.05				.45											.63									2.62	.58	.57	.58				.62

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
JULY 1979

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	4.37			.02	.81	T		T							.85	.04								T	.60	.61	.01	.04	.06	.85		.48
EDWARDSVILLE 1 NE	5.69			T		T									.31												1.51	.67	1.75		1.00	.45
GRAFTON	3.16		T	T	T				T						.03										.27	1.96	.03	.20	.37		T	.30
GREENVILLE 1 E	6.55	T			.22									T	.16										.18	.08	1.25	.90	3.25		.03	.48
GRIGGSVILLE	3.04				.47		T										.25								1.58	.55	.01		.08			.10
HILLSBORO	5.90			.02	.03	.46								.05	.13									.96		.65	.65	.25	.40	.50	1.80	
JACKSONVILLE 2 E	4.67			T	.90	T											T								1.44	.60	.71	.01	.07		.20	.74
JERSEYVILLE 2 SW	5.27			T	.01	.03									T	.83									.51	.74	.24	1.70	.07	.04		1.10
KINCAID	4.17	T			.25							.09			.25										.65	.22	.12	.09	1.08	.02	.39	1.01
MEREDOSIA	4.31	T	T	T	.13	.03							T	T	.06	T								.35	.49	1.95	.28	.27	.03	.72		
MOUNT OLIVE 1 E	5.40				.21										1.04	.29											1.30	.36	.57	.56		1.07
PANA	7.04	.10		.02	.27		T								.69	.07									.45	.11	.58	2.50	1.02	T	.16	1.07
SPRINGFIELD WSO AP R	4.63			.07	.46									.53	.40	.04								.11	1.38	.07	.43	.51		.11	.21	.31
VIRDEN 1 N	5.40				.35										.17	T									.82	.02	.06	1.06	.46		.44	2.02
VIRGINIA	4.45			.22	.35									.05	.30										1.20	.67	1.20	.31		.01		.14
WHITE HALL 1 E	3.80				.28											.02									3.00	.11	.07	.03	.02	T		27
* * *																																
EAST SOUTHEAST 07																																
CHARLESTON	9.84								.18					.43	1.50	1.32									1.18	.33	.32	.52	2.51	.05		1.50
CLAY CITY 8 SSE	9.42	.05			.58									.46	.90	.03	.87								1.27	.02	.26	2 26	2.32	.30		.10
DIONA 3 SW	9.42				.09				.06				.54	.65	1.63										.56			4.50	.58			.81
EFFINGHAM 3 W	9.59	T		.03	.99		T		.04					.11	.22	.58									.19	.57	1.13	1.32	3.19	.23	T	.99
FLORA 5 NW	11.99	T		.58	.95	T			.07				.70		.38	.84								.08	.62	.51	.66	1.00	5.25	T		.35
GREENUP	9.13	.02		T	.07				.12	T				.58	.15	.14									.26	1.54	.79	.30	2.50	1.62	T	1.04
HUTSONVILLE POWER PL	13.32	.28			.06				.10	.03				1.32	.54	.54	.15								.22	.15	1.45	3.25	1.85	2.54		.84
LAWRENCEVILLE	13.10	.40	T		.06				.04	.66	.58			2.50	1.32	.12									.49	.54	.45	2.98	2.05	.49	.06	.36
MATTOON	9.67			.01	.09				.17				.02	.28	1.51									.54	.71	.74	.45	.33	3.34	T	1.34	.14
MOWEAQUA	4.73			.04	.14									.46										.07	.22	.16	.30	1.30	.55	.14	T	1.35
NEWTON 8 SSE	11.28	.01			.20				.08	.03				.88	.78	.38									.26	.38	.14	1.91	3.25	.88		2.00
OLNEY 2 S	9.55			.10	.10					.03			.40	.35	1.33	.43	.22							.55	.39	.20	.54	2.61	1.90			.40
PALESTINE	11.32	.05		.03	.02				T				2.70	.88	.14		.78	.02						T	.25	.26	1.10	2.57	2.33			.19
PARIS WATERWORKS	9.54	.03		.05	.25				.55				.45	.51	1.14	T								.08	.44	.18	.05	.19	3.98	.16	.03	1.45
SAINTE MARIE	10.28				.14				.03					1.04	.20	.32	.04								.97	.08	.41	1.32	2.60	1.02	.46	1.64
SALEM	6.92			.02	.09	T							.14		.07	.01								.07	.87	.10	.89	.53	3.74			.39
TUSCOLA	6.87			.08	.12				.29					.89	1.39									.01	.35	.49		.50	1.00			1.75
VANDALIA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	8.13			.09	.17		.09						T	.25	T	.28								.19	.12	.64	.04	.93	3.37			1.96
* * *																																
SOUTHWEST 08																																
ANNA 1 E	5.55		.46							1.49			.19				.10							.25	.47	1.08	.08	.13	.84			.46
BELLEVILLE SO ILL UNIV	6.50		.16	.01	T	.01							T		.45	.21									.10	.13	.15	.46	3.93	.48		.41
CAHOKIA	5.42		.07	.04	.01			T	T						1.31									.01	T	.08		2.20	1.70	T	T	T
CAIRO WSO CI R	2.82		.81					.43		.32		.03	.47			.13								.08	.08	.12	.02	.05	.38			
CARBONDALE SEWAGE PL	6.54		T	.14		.41	.04	.03		2.59	.02		T	.09			.65							.05	.12	.32	.61	.02	1.02	.39	.03	.01
CARLYLE RESERVOIR	5.66				.09				.03						.28										.01			.81	3.48		.19	.77
CENTRALIA	5.32	.06			.13									.07	.42										.73	.29	.85	.19	2.10	.25		.23
CHESTER	7.04		.12	.11		T	.08	.03		.74			.12												.10	.10	.80	.10	3.20	T	1.20	.36
DU QUOIN 4 SE	4.62				.13	.11				.42				.08										.28	.03	.72	.15	1.50	.55		.02	.63
GRAND TOWER 2 N	6.99			.37			.13			3.27			.06	.13			.73								.34	.04	.12		1.31		.31	.18
KASKASKIA R NAV LOCK	5.90		.13					.03		.19	T			.12											.16	.14	.99	.27	3.82	.01		.04
MARION 4 NNE	5.30			.09	.02	.31	T	.02		.38	T			.82	.07		.49								.27	.20	1.58	.06	.72	.23	.04	
NASHVILLE 4 NE	7.00	T		.04	T									.29	.37	.10									.11	.01	1.25	.10	3.02	.52	.35	.84
PRAIRIE DU ROCHER 1WSW	8.04		.18	.05			.05	.02		.40				.01	.01									.09		.10	1.89	.40	4.77		.06	
RED BUD 5 SE	7.06			.04	T	-	T	T							.21									T		.19	.55	.66	4.96		.45	
SPARTA	8.38		.02				.04	T		.01			.18		.08										.24	1.10	.79	.90	4.11	.88		.03
WATERLOO	7.74		.04					.13	.03	.02					.86										.40	.18	.17	.54	5.32		.05	
* * *																																
SOUTHEAST 09																																
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENTON FOREST SERVICE	3.84	.05		.03						.23				.28	.22										.15	.30		.52	1.84			.22
BROOKPORT DAM 52	2.21		.18	.24				.02	T	.09	.01		.25	.52											.19	.04	.35	.03	.04	.25		
CARMI 6 NW	4.00									.04				1.24	.42		.10								1.14	.06	.25		.57	.06	.12	
DIXON SPRINGS AGR C	5.77		.25		T		.15	T		.75			.71				1.06								1.46	.16	.13	.05	.97		.03	.05
FAIRFIELD RADIO WFIW	6.36	.69		1.13	.03								.64		.42	.07	T							.32	.51	.87	.31	.41	.90			.06
GOLCONDA DAM 51	2.68			.17			.15				.15		.03	1.00			.26								.36	.06	.15	.09	.05	.21		
HARRISBURG	7.73	T	.03					T		.50	.82	.10	1.72			.50								.50	.81	1.80	.07	.46	.22			.20
HARRISBURG DISPOSAL PL	6.45	.01		.01		.03		T		.43	.01	.24	.05	1.93	.01		.34								.80	.17	1.59	.04	.16	.56	T	.07
MC LEANSBORO 2 ENE	4.26	.03		.02	.02		T			T	.10	T		.30	.14		.70							.08	.36	.05	.23	T	1.79	.17		.26
MT CARMEL	14.26	.25			.15	.07			.12	.25	T		T	2.74	2.00	.64									.12	.38	1.46	4.60	.69	.25	.12	.42
MT VERNON 3 NE	6.76			.05		.02							.10	.38	.06	T									.40	.32	1.04	.83	2.55	.20	.35	.46
REND LAKE DAM	5.23	.01	.02							.75			.01	.23	.86	.03									.13	.09	.79	.15	1.64	.02		.50
ROSICLARE	2.70						.07			.16			.82			.28								.47	.43	.02	.05	.04	.36			
SHAWNEETOWN NEW TOWN	4.65					.03			.04	.05		.10	.20	1.19	T		.08								.94	.84	.15	.12	.14	.16		.61
WAYNE CITY 1 N	5.83													.35			.46								1.11		1.55	.39	1.11	.22	.50	.14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
. . .															
NORTHWEST 01															
ALEDO	SNOWFALL					5.8	16.5	26.9	4.0	3.8				57.0	
	1 IN ON GD					3	-	31	28	-				-	
DIXON	SNOWFALL					4.0	29.4	46.5	9.6	3.4	T			92.9	
	1 IN ON GD					4	31	31	28	20				114	
FREEPORT WASTE WTR PLT	SNOWFALL					6.0	13.8	35.6	10.1	3.5	1.4			70.4	
	1 IN ON GD					6	31	31	28	21	1			118	
FULTON DAM 13	SNOWFALL					1.1	18.8	28.5	6.5	T	T			54.9	
	1 IN ON GD					2	31	31	28	19				111	
GALENA 1 N	SNOWFALL					6.1	15.3	25.5	8.5	2.0	6.0			63.4	
	1 IN ON GD					4	31	31	28	19	2			115	
GALVA	SNOWFALL					5.8	18.0	33.5	5.0	6.8				69.1	
	1 IN ON GD					5	31	31	28	19				114	
GENESEO	SNOWFALL					3.7	22.3	20.9	5.2	1.6	T			53.7	
	1 IN ON GD					4	31	31	28	15				109	
HENNEPIN POWER PLANT	SNOWFALL					2.0	-	-	-					-	
	1 IN ON GD					2	31	31	28	-				-	
ILLINOIS CITY DAM 16	SNOWFALL					3.0	22.0	-	-	T				-	
	1 IN ON GD					3	31	31	28	16				109	
KEITHSBURG	SNOWFALL					2.0	-	26.5	4.5	4.0				-	
	1 IN ON GD					3	21	31	28	18				101	
KEWANEE 1 E	SNOWFALL					3.8	12.0	-	1.0	1.6				-	
	1 IN ON GD					-	-	-	-	-				-	
MOLINE WSO AP	SNOWFALL					7.1	21.7	26.7	4.5	3.4	.6			64.0	
	1 IN ON GD					3	26	31	28	17				105	
MORRISON	SNOWFALL					2.3	22.0	32.5	8.2	4.0				69.0	
	1 IN ON GD					3	31	31	28	21				114	
MOUNT CARROLL	SNOWFALL					8.5	20.1	34.3	10.6	3.0	1.0			77.5	
	1 IN ON GD					4	31	31	28	22	1			117	
NEW BOSTON DAM 17	SNOWFALL					-	-	-	-	-				-	
	1 IN ON GD					4	17	31	28	14				94	
PAW PAW	SNOWFALL					5.0	26.0	31.5	8.0	2.0	T			72.5	
	1 IN ON GD					4	31	31	28	21				115	
ROCHELLE 6 NW	SNOWFALL				-	-	-	-	-	-	-	-	-	-	
	1 IN ON GD				-	-	-	-	-	-	-	-	-	-	
ROCHELLE	SNOWFALL	-	-	-		2.4	16.6	34.6	9.0	4.0	T			-	
	1 IN ON GD	-	-	-		3	31	31	28	5				-	
ROCKFORD 6 ENE	SNOWFALL					-	-	-	-	-	T			-	
	1 IN ON GD					4	-	31	28	23				-	
ROCKFORD WSO AP	SNOWFALL					4.6	25.1	26.1	12.2	4.5	2.0			74.5	
	1 IN ON GD					3	31	31	28	24				117	
STOCKTON 1 N	SNOWFALL					5.4	5.6	-	11.5	2.8	1.5			-	
	1 IN ON GD						-	-	-	-				-	
TISKILWA 2 SE	SNOWFALL					3.8	27.4	29.9	4.2	4.0	T			69.3	
	1 IN ON GD					2	30	31	28	18				109	
WALNUT	SNOWFALL					2.7	26.3	31.9	6.5	1.0	1.0			69.4	
	1 IN ON GD					1	31	31	28	15				106	
. . .															
NORTHEAST 02															
ANTIOCH 2 NW	SNOWFALL					4.5	21.5	47.1	14.2	6.6	9.4			103.3	
	1 IN ON GD					4	31	31	28	26				120	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
AURORA	SNOWFALL					3.8	-	27.6	7.2	-				-	
	1 IN ON GD					4	31	31	28	18				112	
BARRINGTON	SNOWFALL					4.5	23.5	32.5	10.5	1.5				72.5	
	1 IN ON GD					4	31	31	28	8				102	
CHANNAHON DRESDEN ISL	SNOWFALL					3.7	21.0	-	7.0	1.0				-	
	1 IN ON GD					3	31	31	28	16				109	
CHICAGO O'HARE WSO AP	SNOWFALL					5.2	35.3	34.3	6.8	2.0	.1			83.7	
	1 IN ON GD					4	26	31	28	6				95	
CHICAGO UNIVERSITY	SNOWFALL	-	-	-	-	-	-	-		-				-	
	1 IN ON GD	-	-	-		-	-	-	-	11				-	
CHICAGO MIDWAY WSCMO	SNOWFALL					7.1	31.4	40.4	8.8	2.0	T			89.7	
	1 IN ON GD					4	31	31	28	4				98	
DE KALB	SNOWFALL					4.9	34.5	29.6	8.8	2.5				80.3	
	1 IN ON GD					5	31	31	28	21				116	
ELGIN	SNOWFALL					6.3	32.0	52.0	9.8	-				-	
	1 IN ON GD					-	-	31	-	-	-			-	
GEBHARD WOODS ST PARK	SNOWFALL					5.0	15.5	-	7.4	-	T			-	
	1 IN ON GD					-	19	31	28	18				-	
JOLIET BRANDON RD DAM	SNOWFALL					-	-	-	-	-				-	
	1 IN ON GD					-	-		-					-	
MARENGO	SNOWFALL					-	-	43.0	-	5.5	-			-	
	1 IN ON GD					-	-	31	-	18	-			-	
MARSEILLES LOCK	SNOWFALL					4.0	16.2	39.3	6.2	2.8	T			68.5	
	1 IN ON GD					3	20	31	28	12				94	
MC HENRY LOCK AND DAM	SNOWFALL					2.9	19.1	52.8	8.5	1.9	T			85.2	
	1 IN ON GD					4	31	31	28	19				113	
MORRIS	SNOWFALL					3.0	17.0	32.1	4.8	.4				57.3	
	1 IN ON GD					4	31	31	28	18				112	
OTTAWA	SNOWFALL					.8	20.0	30.5	6.3	-				-	
	1 IN ON GD					2	25	31	28	20				106	
PARK FOREST	SNOWFALL					5.0	11.5	30.8	9.3	1.0				57.6	
	1 IN ON GD					3	22	31	28	10				94	
PEOTONE	SNOWFALL					1.8	10.4	39.6	10.7	2.5	T			65.0	
	1 IN ON GD					4	17	31	28	15				95	
PERU 2 W	SNOWFALL					-	22.0	-	-	1.0				-	
	1 IN ON GD					-	15	-	-	1				-	
STREATOR 2 ENE	SNOWFALL					4.5	18.6	40.8	7.6	7.5	T			79.0	
	1 IN ON GD					2	13	31	28	15				89	
UTICA STARVED ROCK DAM	SNOWFALL					4.0	18.4	38.3	8.0	2.2	T			70.9	
	1 IN ON GD					2	-	31	28	-				-	
WAUKEGAN	SNOWFALL					3.1	17.9	40.5	10.0	1.9	-			-	
	1 IN ON GD						-	31	28	18	1			-	
WHEATON 3 SE	SNOWFALL					3.8	20.9	41.1	10.4	1.1	T			77.3	
	1 IN ON GD					4	31	31	28	13				107	
. . .															
WEST 03															
AVON 5 NE	SNOWFALL					2.0	10.0	-	5.5	6.0	T			-	
	1 IN ON GD						14	31	28	13				86	
BENTLEY 1 E	SNOWFALL					2.1	11.8	15.3	2.9	6.7				38.8	
	1 IN ON GD						9	31	28	14				82	
CANTON 1 ESE	SNOWFALL					T	8.0	27.5	4.0	5.5				45.0	
	1 IN ON GD						9	31	28	14				82	
GALESBURG	SNOWFALL					4.3	13.2	27.0	3.3	5.0				52.8	
	1 IN ON GD					2	19	31	28	17				97	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
GLADSTONE DAM 18	SNOWFALL					T	-	-	5.0	-				-	
	1 IN ON GD						-	31	28	-				-	
GOLDEN 1 NW	SNOWFALL						-	-	2.5	3.0				-	
	1 IN ON GD						-	31	28	7				-	
LA HARPE	SNOWFALL						13.0	25.0	5.0	8.5				51.5	
	1 IN ON GD						13	31	28	13				85	
MACOMB	SNOWFALL						-	-	-	-				-	
	1 IN ON GD						-	-	-	-				-	
MONMOUTH	SNOWFALL					4.0	16.1	20.6	3.7	6.2				50.6	
	1 IN ON GD					2	16	31	28	16				93	
MOUNT STERLING	SNOWFALL						4.0	-	-	-				-	
	1 IN ON GD						3	-	-	-				-	
PAYSON	SNOWFALL					T	3.0	-	3.0	4.0				-	
	1 IN ON GD						7	31	28	6				72	
QUINCY FAA AP	SNOWFALL					T	10.0	19.5	3.8	7.1				40.4	
	1 IN ON GD						7	31	28	7				73	
QUINCY DAM 21	SNOWFALL						4.5	22.0	2.5	1.5				30.5	
	1 IN ON GD						7	31	28	6				72	
QUINCY MEMORIAL BRIDGE	SNOWFALL					T	5.1	30.0	2.2	.5	T			37.8	
	1 IN ON GD						8	31	27	1				67	
RUSHVILLE	SNOWFALL					T	6.9	26.5	3.5	4.5				41.4	
	1 IN ON GD						9	31	-	4				-	
. . .															
CENTRAL 04															
BLOOMINGTON WATERWORKS	SNOWFALL					T	-	25.5	4.0	.5	-			-	
	1 IN ON GD						-	31	28	9				-	
CHENOA	SNOWFALL					2.3	4.5	24.1	3.2	4.0	T			38.1	
	1 IN ON GD					1	10	31	28	6				76	
CHILLICOTHE	SNOWFALL					1.0	-	27.0	3.0	-				-	
	1 IN ON GD					2	14	31	28	18				93	
CLINTON 1 SSW	SNOWFALL						-	-	-	-				-	
	1 IN ON GD						-	-	-	-				-	
DECATUR	SNOWFALL					T	-	25.0	7.8	-				-	
	1 IN ON GD							31	28	9				68	
FARMER CITY	SNOWFALL					T	1.7	22.0	5.5	3.0				32.2	
	1 IN ON GD						1	31	28	8				68	
HAVANA 4 NNE	SNOWFALL					T	4.2	32.5	7.0	6.0	T			49.7	
	1 IN ON GD						-	31	-	1				-	
LACON 2 E	SNOWFALL					1.5	12.5	21.3	3.9	1.3	T			40.5	
	1 IN ON GD						9	31	28	1				69	
LINCOLN	SNOWFALL						-	-	4.5	6.0				-	
	1 IN ON GD						-	31	28	7				-	
MACKINAW	SNOWFALL					1.3	10.5	27.9	4.5	7.9	T			52.1	
	1 IN ON GD						12	31	28	19				90	
MASON CITY 1 NW	SNOWFALL					T	3.0	18.4	2.5	4.5				28.4	
	1 IN ON GD						7	31	28	6				72	
MINONK	SNOWFALL					4.5	9.2	29.3	3.4	4.9	T			51.3	
	1 IN ON GD						-	31	-					-	
MOUNT PULASKI	SNOWFALL						-	-	-	-				-	
	1 IN ON GD						-	-	-	-				-	
NORMAL	SNOWFALL					.4	3.1	24.6	4.7	2.8	T			35.6	
	1 IN ON GD						7	31	28	5				71	
PEORIA WSO AP	SNOWFALL					2.6	14.2	24.7	3.6	6.5	T			51.6	
	1 IN ON GD					1	13	31	28	10				83	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
PETERSBURG 3 SSW	SNOWFALL						.3	21.0	4.3	1.0				26.6	
	1 IN ON GD							31	28	1				60	
PRINCEVILLE	SNOWFALL						14.5	-	-	3.1	T			-	
	1 IN ON GD					2	-	31	-						
• • •															
EAST 05															
DANVILLE	SNOWFALL					-	-	23.0	4.3	6.0				-	
	1 IN ON GD					-	-	-						-	
DANVILLE SEWAGE PLANT	SNOWFALL						-	19.2	-	.5				-	
	1 IN ON GD						-	-	-	-				-	
GIBSON CITY 1 E	SNOWFALL					.8	T	26.2	4.5	4.0	-			-	
	1 IN ON GD							30	-	2				-	
HOOPESTON 1 NE	SNOWFALL					.2	.7	16.4	3.0	3.2	T			23.5	
	1 IN ON GD							30	28	4				62	
KANKAKEE WTR POLL CTR	SNOWFALL					2.0	4.0	29.0	7.0	2.0				44.0	
	1 IN ON GD					4	11	30	28	13				86	
MONTICELLO 2	SNOWFALL					T	-	-	-	7.0				-	
	1 IN ON GD						-	-	-					-	
PIPER CITY 3 SE	SNOWFALL					2.0	2.1	26.6	4.7	3.9	1.3			40.6	
	1 IN ON GD						6	31	28	21				86	
PONTIAC	SNOWFALL					3.5	5.5	30.5	4.5	2.0	T			46.0	
	1 IN ON GD					3	11	31	28	13				86	
RANTOUL	SNOWFALL					T	-	-	-	-	T			-	
	1 IN ON GD						-	-	28	1				-	
SIDELL	SNOWFALL					T	T	19.9	6.5	3.5	T			29.9	
	1 IN ON GD							30	28	1				59	
URBANA	SNOWFALL					.2	.9	28.3	5.8	4.9	.4			40.5	
	1 IN ON GD						3	31	28	6				68	
WATSEKA 2 NW	SNOWFALL					T	T	19.6	3.3	3.0				25.9	
	1 IN ON GD							30	28	6				64	
• • •															
WEST SOUTHWEST 06															
ALTON DAM 26	SNOWFALL						1.0	-	-	1.0				-	
	1 IN ON GD							31	20	1				52	
BEARDSTOWN	SNOWFALL						1.5	22.0	4.5	8.0				36.0	
	1 IN ON GD						1	31	28	5				65	
BLUFFS	SNOWFALL						-	-	-	-				-	
	1 IN ON GD						-	-	-	-				-	
CARLINVILLE	SNOWFALL						T	19.8	5.1	2.4	T			27.3	
	1 IN ON GD							31	22	1				54	
EDWARDSVILLE 1 NE	SNOWFALL						.2	22.4	3.5	1.3				27.4	
	1 IN ON GD							31	22	1				54	
GRAFTON	SNOWFALL						-	-	5.2	2.5				-	
	1 IN ON GD						-	-	-	1				-	
GREENVILLE 1 E	SNOWFALL						T	29.0	4.0	1.0				34.0	
	1 IN ON GD							24	22	1				47	
GRIGGSVILLE	SNOWFALL					T	3.7	18.1	6.5	8.0				36.3	
	1 IN ON GD						7	31	28	7				73	
HILLSBORO	SNOWFALL						-	-	7.3	1.0	T			-	
	1 IN ON GD						-	31	-					-	
JACKSONVILLE 2 E	SNOWFALL						1.5	18.5	4.5	4.1				28.6	
	1 IN ON GD						6	31	24	4				65	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
JERSEYVILLE 2 SW	SNOWFALL						2.5	18.0	-	1.0				-	
	1 IN ON GD						6	31	21	1				59	
KINCAID	SNOWFALL						.6	23.5	4.5	4.5				33.1	
	1 IN ON GD							31	24	4				59	
MEDORA	SNOWFALL						2.5	-	6.0	1.0				-	
	1 IN ON GD						-	-	-					-	
MOUNT OLIVE 1 E	SNOWFALL						-	-	8.0	5.0				-	
	1 IN ON GD						-	-	25	-				-	
PANA	SNOWFALL						.9	26.8	3.6	2.2				33.5	
	1 IN ON GD							31	28	1				60	
SPRINGFIELD WSO AP	SNOWFALL					T	3.2	15.9	4.6	8.1	T			31.8	
	1 IN ON GD						5	31	25	4				65	
VIRDEN 1 N	SNOWFALL					T	-	-	7.5	8.0				-	
	1 IN ON GD						-	31	23	5				-	
VIRGINIA	SNOWFALL						3.9	25.0	4.0	8.0				40.9	
	1 IN ON GD						10	31	28	8				77	
WHITE HALL 1 E	SNOWFALL						1.5	-	2.7	2.0				-	
	1 IN ON GD							-	-	-				-	
• • •															
EAST SOUTHEAST 07															
CHARLESTON	SNOWFALL						-	25.8	-	1.2				-	
	1 IN ON GD						-	30	25	-				-	
CLAY CITY 6 SSE	SNOWFALL						-	-	12.0	-				-	
	1 IN ON GD						1	-	-	2				-	
DIONA 3 SW	SNOWFALL						-	-	9.0	1.5				-	
	1 IN ON GD						-	-	-	-				-	
EFFINGHAM 3 W	SNOWFALL						.4	23.7	6.5	1.2				31.8	
	1 IN ON GD							30	28	2				60	
FLORA 5 NW	SNOWFALL						T	-	-	1.5				-	
	1 IN ON GD							22	24	1				47	
GREENUP	SNOWFALL						T	21.5	7.0	1.0				29.5	
	1 IN ON GD							30	23	1				54	
HUTSONVILLE POWER PL	SNOWFALL						T	-	10.5	T				-	
	1 IN ON GD							30	25	-				-	
LAWRENCEVILLE	SNOWFALL							17.0	13.0	.4				30.4	
	1 IN ON GD							28	24	1				53	
MATTOON	SNOWFALL						T	15.7	6.0	.5				22.2	
	1 IN ON GD							31	22					53	
MOWEAQUA	SNOWFALL						-	-	-	-				-	
	1 IN ON GD							-	-	1				-	
NEWTON 6 SSE	SNOWFALL						-	12.8	9.0	.5				-	
	1 IN ON GD						3	29	25	3				60	
OLNEY 2 S	SNOWFALL							-	-	-				-	
	1 IN ON GD							-	-	-				-	
PALESTINE	SNOWFALL						.5	19.5	11.5	1.0				32.5	
	1 IN ON GD						3	27	25					55	
PARIS WATERWORKS	SNOWFALL						T	31.5	11.0	1.3				43.8	
	1 IN ON GD							31	25	1				57	
SAINTE MARIE	SNOWFALL						T	-	10.0	T				-	
	1 IN ON GD							-	21					-	
SALEM	SNOWFALL						.3	16.9	7.2	T				24.4	
	1 IN ON GD							26	24					50	
TUSCOLA	SNOWFALL						T	26.7	4.0	.2				30.9	
	1 IN ON GD							-	-	-				-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
VANDALIA 3 SW	SNOWFALL						-	-	-	-				-	
	1 IN ON GD						-	-	-	-				-	
WINDSOR	SNOWFALL						1.0	27.5	7.5	-				-	
	1 IN ON GD							31	26	2				59	
. . .															
SOUTHWEST 08															
ANNA 1 E	SNOWFALL						1.3	16.4	23.6	4.0				45.3	
	1 IN ON GD						6	24	17	5				52	
BELLEVILLE SO ILL UNIV	SNOWFALL						3.5	22.5	3.5	2.0				31.5	
	1 IN ON GD							27	22					49	
CAHOKIA	SNOWFALL						-	-	3.4	T				-	
	1 IN ON GD							-	20					-	
CAIRO WSO CI	SNOWFALL						1.3	12.4	5.5	.3				19.5	
	1 IN ON GD						5	23	12					40	
CARBONDALE SEWAGE PL	SNOWFALL						2.5	20.6	15.7	1.0	T			39.8	
	1 IN ON GD						5	24	19	4				52	
CARLYLE RESERVOIR	SNOWFALL						.5	-	-	1.0				-	
	1 IN ON GD						1	30	21	2				54	
CENTRALIA	SNOWFALL						.3	40.4	13.1	3.5				57.3	
	1 IN ON GD							27	26	2				55	
CHESTER	SNOWFALL						3.0	21.5	11.5	1.0				37.0	
	1 IN ON GD						7	26	20	3				56	
DU QUOIN 4 SE	SNOWFALL						1.0	20.0	8.5	.5				30.0	
	1 IN ON GD						5	28	19					52	
GRAND TOWER 2 N	SNOWFALL						1.2	18.3	15.3	2.0				36.8	
	1 IN ON GD						2	-	-					-	
KASKASKIA R NAV LOCK	SNOWFALL						.5	18.9	12.0	1.0				32.4	
	1 IN ON GD							29	21	2				52	
MARION 4 NNE	SNOWFALL						3.0	27.0	26.5	.6	T			57.1	
	1 IN ON GD						7	26	22	3				58	
NASHVILLE 4 NE	SNOWFALL						T	22.3	9.4	.3				32.0	
	1 IN ON GD							26	25	3				54	
PRAIRIE DU ROCHER 1WSW	SNOWFALL						.5	18.8	5.0	.5				24.8	
	1 IN ON GD							27	18	1				46	
RED BUD 5 SE	SNOWFALL						1.5	20.0	6.4	1.0	T			28.9	
	1 IN ON GD						2	-	-	1				-	
SPARTA	SNOWFALL						1.7	21.2	9.1	2.6	T			34.6	
	1 IN ON GD						4	26	19	2				51	
WATERLOO	SNOWFALL						-	-	1.1	1.0				-	
	1 IN ON GD						-	-	16	1				-	
. . .															
SOUTHEAST 09															
ALBION	SNOWFALL							19.0	9.5	4.0				32.5	
	1 IN ON GD							18	16	1				35	
BENTON FOREST SERVICE	SNOWFALL						-	-	-					-	
	1 IN ON GD						-	-	-					-	
BROOKPORT DAM 52	SNOWFALL						1.1	9.4	10.6	.5				21.6	
	1 IN ON GD							21	15					36	
CARMI 6 NW	SNOWFALL						-	20.0	9.9	T				-	
	1 IN ON GD						-	23	19	1				-	
DIXON SPRINGS AGR C	SNOWFALL						.7	10.2	12.0	.4				23.3	
	1 IN ON GD						4	20	14					38	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1978 - 1979

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
FAIRFIELD RADIO WFIW	SNOWFALL						T	12.0	12.0					24.0	
	1 IN ON GD							16	21	2				39	
GOLCONDA DAM 51	SNOWFALL						.5	15.5	-	T				-	
	1 IN ON GD						2	21	15					38	
HARRISBURG	SNOWFALL						1.0	19.0	18.0	2.0				40.0	
	1 IN ON GD						4	27	19	3				53	
HARRISBURG DISPOSAL PL	SNOWFALL						T	-	-	-				-	
	1 IN ON GD							-	-	-				-	
MC LEANSBORO 2 ENE	SNOWFALL						1.1	15.7	14.0	.4				31.2	
	1 IN ON GD							25	21	2				48	
MT CARMEL	SNOWFALL						-	18.4	11.0	.4				-	
	1 IN ON GD						-	26	20	1				-	
MT VERNON 3 NE	SNOWFALL						-	26.0	12.5	.2				-	
	1 IN ON GD						-	27	20					-	
REND LAKE DAM	SNOWFALL						T	-	-					-	
	1 IN ON GD							-	-					-	
ROSICLARE	SNOWFALL						.3	10.1	11.6	T				22.0	
	1 IN ON GD							22	19					41	
SHAWNEETOWN NEW TOWN	SNOWFALL						T	17.8	11.0	.5				29.3	
	1 IN ON GD							24	17	1				42	
WAYNE CITY 1 N	SNOWFALL						-	-	-					-	
	1 IN ON GD						-	-	-					-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JULY
1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
NORTHWEST 01																																	
ALEDO	MAX	87	90	86	83	74	76	79	84	84	88	87	88	90	83	86	83	79	79	80	84	87	89	89	86	83	85	90	86	87	87	85	84.6
	MIN	58	61	68	65	50	47	57	56	59	59	66	68	67	67	67	63	60	54	55	57	62	66	66	70	70	66	68	71	70	67	68	62.8
DIXON	MAX	82	83	84	78	76	73	74	80	82	83	85	87	89	85	75	84	78	73	77	78	80	82	84	86	84	80	82	87	82	84	84	81.3
	MIN	54	54	60	62	51	45	52	56	59	60	60	64	65	66	65	62	56	50	53	54	57	62	65	67	68	64	64	66	64	67	64	59.9
FREEPORT WASTE WTR PLT	MAX	81	83	82	81	75	72	75	80	83	84	86	89	89	87	82	87	80	77	80	81	83	86	86	90	86	81	82	88	83	85	87	82.9
	MIN	54	54	59	63	48	46	50	53	57	59	62	66	67	67	64	61	57	50	53	54	55	63	65	70	70	64	65	65	62	68	66	59.9
FULTON DAM 13	MAX	80	83	85	81	75	75	75	80	84	84	86	87	89	85	82	86	80	76	79	81	82	85	86	88	85	82	85	88	82	84	86	82.8
	MIN	60	59	59	64	55	52	52	57	60	64	64	67	70	66	68	68	62	56	59	59	60	63	67	67	67	68	67	68	68	68	69	63.0
GALVA	MAX	83	86	87	79	74	73	75	80	83	84	87	89	88	88	80	85	82	78	79	80	83	86	88	91	87	83	85	90	85	86	88	83.6
	MIN	57	57	62	65	50	49	51	57	58	62	68	69	69	66	66	63	57	56	55	59	59	64	67	67	69	67	69	69	66	66	66	62.1
GENESEO	MAX	87	87	82	75	72	74	78	82	84	89	89	88	90	82	87	82	76	79	81	82	87	89	90	87	82	84	90	85	87	89	85	83.9
	MIN	57	59	64	60	52	48	56	56	59	64	69	69	67	67	68	65	60	56	56	59	61	67	68	72	70	68	69	71	68	69	69	63.3
HENNEPIN POWER PLANT	MAX	85	86	89	83	78		79	81	84	87	90	90	88	88	76	86	85	79	81	82	84	87	90	92	89	83	84	91	89	88	91	85.5
	MIN	52	52	58	65	48	44	52	52	60	60	62	66	65	67	64	62	57	50	53	54	55	59	62	68	70	65	66	69	65	69	70	60.0
KEWANEE 1 E	MAX	84	84	85	77	75	73	74	77	81	83	87	87	86	88	78	85	81	75	77	80	82	83	89	87	86	82	84	88	84	85	86	82.4
	MIN	54	57	63	63	48	44	54	52	57	59	61	65	66	62	64	63	57	50	51	53	55	61	60	69	68	64	66	69	65	66	67	59.8
MOLINE WSO AP	MAX	87	89	84	78	75	74	81	84	85	88	88	90	91	85	87	83	78	80	81	84	87	90	91	87	82	85	89	85	87	86	84	84.7
	MIN	55	60	68	56	52	47	57	54	60	61	65	66	67	65	68	67	60	55	53	54	60	66	66	69	68	67	68	71	68	68	66	62.2
MORRISON	MAX	82	84	85	79	78	75	75	79	83	85	87	87	89	86	79	87	81	76	79	80	82	85	85	88	84	83	85	89	84	84	86	82.9
	MIN																																
MOUNT CARROLL	MAX	82	83	78	75	72	74	78	81	83	87	86	88	87	82	87	79	75	78	80	82	85	85	88	84	81	83	88	82	83	86	82	82.1
	MIN	53	59	61	47	42	47	51	54	56	60	66	63	65	61	58	56	47	49	51	54	61	61	67	67	64	65	62	64	67	62	60	58.1
PAW PAW	MAX	81	81	83	80	72	71	76	79	80	83	86	88	86	88	80	84	76	74	78	80	81	83	85	87	85	81	82	89	83	84	85	81.6
	MIN	53	54	55	59	49	49	53	55	63	63	63	65	67	66	66	62	55	48	49	55	54	65	66	66	67	65	62	64	63	63	66	59.7
ROCHELLE	MAX	80	82	84	80	74	72	75	79	82	85	87	88	88	89	78	86	80	75	79	81	82	91	87	89	86	82	83	89	82	84	85	82.7
	MIN	53	54	57	57	47	48	48	51	59	60	62	61	66	57	64	61	56	47	52	52	55	64	63	65	48	64	60	62	63	63	63	57.5
ROCKFORD WSO AP	MAX	80	81	80	77	74	75	78	80	82	86	87	89	86	79	86	80	75	80	83	83	86	87	89	86	81	83	88	82	83	86	82	82.4
	MIN	55	55	59	55	50	45	49	55	63	60	63	69	68	68	65	59	55	50	56	54	55	66	66	70	70	66	62	68	63	71	66	60.5
STOCKTON 1 N	MAX	81	80	79	74	72	73	77	80	83	85	85	87	81	82	85	77	75	78	79	82	83	84	86	83	81	82	85	80	83	85	80	80.9
	MIN	52	54	57	44	47	43	48	50	58	60	60	65	67	65	61	61	56	47	52	50	56	62	64	67	67	63	66	62	61	63	63	57.8
TISKILWA 2 SE	MAX	83	85	78	78	74	76	79	83	83	87	88	87	87	75	83	85	75	79	80	83	85	87	88	85	82	84	89	85	85	88	85	82.9
	MIN	52	55	60	67	47	45	52	52	61	61	67	66	66	66	64	64	56	49	53	56	58	62	63	70	69	65	65	67	65	70	69	60.7
WALNUT	MAX	83	84	83	78	74	75	79	82	84	88	87	88	88	80	86	84	81	87	79	81	84	86	87	86	86	83	89	85	84	88	87	83.7
	MIN	56	56	61	62	48	48	57	57	61	62	67	69	67	66	66	60	56	53	55	58	62	64	66	70	69	65	65	63	65	69	67	61.6
• • •																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	79	78	78	82	73	71	77	79	81	82	88	87	83	89	83	88	75	75	81	83	84	85	85	88	84	80	81	89	79	82	86	81.8
	MIN	55	51	51	55	45	44	45	47	61	61	63	63	63	67	65	62	53	47	50	57	55	56	64	66	71	62	60	63	56	57	68	57.5
AURORA	MAX	80	81	82	74	71	75	80	79	83	88	88	87	89	75	88	80	76	80	83	84	85	86	89	87	84	83	89	82	84	87	86	82.7
	MIN	56	53	62	55	48	45	51	56	61	60	65	66	70	68	67	61	56	49	53	56	57	62	65	71	70	66	62	66	62	67	66	60.4
BARRINGTON	MAX	80	79	67	82	74	70	75	79	80	82	88	88	87	89	82	79	80	74	81	83	84	86	83	90	86	80	80	89	78	86	86	81.5
	MIN	55	52	56	58	46	44	48	54	60	61	65	67	70	70	68	60	55	47	56	56	56	63	64	71	70	63	61	68	57	69	67	59.9
CHICAGO O'HARE WSO AP	MAX	84	82	85	74	71	78	85	86	86	90	90	92	92	85	92	74	71	82	84	82	86	88	94	90	80	80	89	80	88	90	85	84.4
	MIN	51	50	55	54	47	43	55	59	65	63	69	69	71	70	70	55	50	45	55	54	53	67	67	71	68	61	56	59	58	67	66	59.5
CHICAGO UNIVERSITY	MAX	77	79	80	83	66	72	75	80	79	85	87	90	86	87	84	85	70	75	81	81	86	86	88	91	89	81	87	89	81	83	88	82.3
	MIN	56	55	58	60	55	53	57	61	65	63	68	70	72	71	70	68	60	53	58	61	62	65	69	73	73	66	63	70	63	68	72	63.8
CHICAGO MIDWAY WSCMO	MAX	80	76	82	72	71	75	81	80	81	86	86	87	88	80	86	76	73	78	82	83	85	86	89	87	82	78	89	80	85	87	82	81.7
	MIN	59	56	60	59	54	55	59	63	65	64	68	71	72	71	71	61	59	53	60	61	63	66	69	72	70	65	65	67	65	71	69	64.0
DE KALB	MAX	81	81	81	80	75	74	78	79	83	86	86	86	86	75	86	86	79	76	81	81	83	86	87	87	85	82	88	88	82	84	84	82.5
	MIN	58	56	61	61	49	46	51	58	64	68	67	70	70	68	67	64	57	51	58	58	58	68	68	71	69	67	64	66	66	71	69	62.5
ELGIN	MAX	80	79	78	79	77	70	75	79		83	85	87	87	87		86	86	73	79	81	82	84	85	89	85	81	81	85	78	84	84	81.7
	MIN	57	53	57	58	48	45	52	55		61	64	66	68	68		65	54	49	54	58	57	59	65	67	68	65	60	60	59	61	68	59.3
GEBHARD WOODS ST PARK	MAX	83			85	77	76	79	82	78	84	87	88	90	89	78	87	84	78	82	83	85	87	88	90	87	81	84	89	88	88	89	84.3
	MIN	54			63	46	44	49	51	61	59	64	66	69	67	60	63	55	47	51	53	55	59	64	68	69	63	62	61	64	67	69	59.4
JOLIET BRANDON RD DAM	MAX	81	81	81	82	74	72	76	80	79	82	86	87	88	88	76	88	80	75	81	83	84	85	87	90	86	82	82	89	85	87	89	82.8
	MIN	56	55	60	62	53	54	56	59	63	61	64	68	70	69	67	67	58	50	55	58	60	63	65	67	70	67	63	65	64	67	67	62.0
MARENGO	MAX	81	81	83	80	76	77	83	83	83	89	90	91	90	81	89	88	76	83	85	82	89	89	91	90	85	85	92	86	88	87	85	85.1
	MIN	55	51	55	58	45	43	47	52	62	60	63	64	67	68	66	63	53	47	58	55	53	56	63	70	69	63	58	65	67	67	67	59.0
OTTAWA	MAX	86	87	80	79	76	79	84	82	85	89	91		90	75	88	84	78	82	84	85	87	89	90	91	85	85	90		88	90	89	85.1
	MIN	53	56	57	64	49	48	55	58	64	64	68		71	69	67	65	57	51	56	57	60	64	66	72	71	67		67	69	72	72	62.4
PARK FOREST	MAX	79	81	78	82	70	70	74	81	80	80	86	85	87	85	77	90	75	71	78	83	83	87	87	90	87	81	80	87	81	88	88	81.6
	MIN	55	53	57	60	50	49	51	57	63	60	68	68	70	69	67	66	57	48	57	57	57	61	66	70	70	66	61	67	61	68	68	61.2
PERU 2 W	MAX	86	88	85	75	75	75	79	84	83	89	90	89	90	76	87	86	80	80	81	84	85	87	90	89	88	87	90	86	90	90	89	84.9
	MIN	50	55	64		53	49	53	62	63	63	68	66	66	67	64	62	54	48	55	55	57	55	65	70	73	65	65	69	69	68	71	61.5
WAUKEGAN	MAX	78	78	71	77	69	66	71	74	75	78	87	87	83	86	85	88	71	69	75	81	82	85	84	85	86	81	84	88	74	78	86	79.4
	MIN	52	53	53	56	46	45	47	48	60	59	63	65	65	69	66	64	54	47	47	59	57	57	64	65	70	60	59	59	57	57	68	57.8
WHEATON 3 SE	MAX	87	80	82	81	73	76	81	81	84	87	89	87	90	85	90	85	75	82	84	85	87	87	91	88	88	82	89	88	86	87	86	84.6
	MIN	54	50	54	59	46	42	48	54	60	58	64	64	69	68	67	64	54	45	52	54	54	59	63	72	70	65	60	69	60	68	74	59.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JULY 1979

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
• • •																																	
WEST 03																																	
GALESBURG	MAX	86	88	81	76	72	74	79	82	83	87	89	87	90	83	85	82	77	78	80	83	86	88	88	85	81	84	89	85	85	86	83	83.3
	MIN	56	60	69	60	59	52	59	59	60	60	66	69	69	67	65	64	57	52	54	60	61	65	68	69	69	66	70	70	68	67	60	62.9
GOLDEN 1 NW	MAX	87	89	87	85	79	77	82	85	85	88	92	90	96	97	89	87	80	83	85	87	89	91	90	90	85	86	89	87	88	90	85	87.1
	MIN	59	59	74	69	56	50	67	55	60	60	66	68	68	72	67	65	62	54	58	56	58	65	67	67	69	65	70	67	69	70	72	64.0
LA HARPE	MAX	89	89	83	79	75	76	82	85	86	89	90	90	95	88	87	85	81	83	83	87	88	91	91	87	85	86	90	89	88	91	84	86.2
	MIN	59	63	71	67	54	51	61	56	61	63	65	68	67	67	66	66	61	56	56	57	60	62	65	68	69	68	69	69	71	70	70	63.7
MONMOUTH	MAX	88	89	85	80	72	74	81	85	84	87	90	88	90	83	86	83	77	80	78	84	87	89	90	86	80	85	89	85	87	88	83	84.3
	MIN	57	60	68	65	51	47	58	54	59	62	63	67	68	66	65	62	58	54	52	55	58	62	64	68	69	65	67	68	68	67	67	61.7
QUINCY FAA AP	MAX	87	88	86	83	75	75	80	83	85	87	90	89	96	90	89	83	79	80	81	84	86	88	91	87	83	85	87	86	87	92	81	85.3
	MIN	63	61	75	67	57	54	62	59	63	64	67	70	71	73	69	69	61	57	58	60	63	65	67	70	71	67	72	69	73	77	72	66.0
QUINCY DAM 21	MAX	87	89	87	89	76	75	77	82	84	86	88	90	91	98	90	90	84	80	81	81	84	88	90	91	89	86	87	90	89	86	92	86.4
	MIN	60	60	62	71	61	56	56	60	61	64	64	64	68	68	69	68	64	59	56	55	59	62	63	67	68	68	68	69	69	71	70	63.9
RUSHVILLE	MAX	89	89	89	81	77	77	81	84	85	89	91	88	96	91	89	87	85	81	83	85	87	91	90	88	84	87	87	88	87	93	90	86.7
	MIN	56	68	73	67	57	52	60	59	60	62	66	69	69	71	66	65	61	52	52	56	58	64	68	66	69	67	69	58	71	73	73	64.1
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	85	88	82	79	73	75	78	78	80	86	88	86	88	86	86	84	80	78	81	84	87	86	88	85	81	81	87	85	86	89	83	83.3
	MIN	55	52	59	63	47	52	53	55	65	58	64	67	67	66	64	66	55	50	49	52	58	55	59	69	67	66	65	65	63	71	67	60.1
DECATUR	MAX	90	94	86	80	82	82	87	78	86	92	94	85	95	88	90	89	81	83	87	87	89	91	91	91	84	85	86	88	89	92	79	87.1
	MIN	51	58	70	67	52	50	56	64	58	58	63	65	63	68	66	67	59	47	49	53	54	56	62	70	74	69	68	68	68	71	65	61.6
FARMER CITY	MAX	87	87	80	74	74	75	74	78	83	86	85	82	88	85	87	85	75	78	87	82	84	86	87		81	83	89	85	87	88	80	82.7
	MIN	54	57	65	68	50	51	56	56	62	62	66	67	67	67	65	67	57	52	54	58	60	60	65	68	70	68	68	67	64	67	65	62.0
HAVANA 4 NNE	MAX	90	92	93	83	77	78	80	85	85	85	89	94	92	93	89	88	85	78	82	84	86	87	91	92	89	85	88	87	88	89	92	87.0
	MIN	54	60	66	69	53	50	56	60	58	61	63	66	67	67	66	69	60	52	52	55	58	60	64	68	68	70	71	69	69	71	71	62.7
LACON 2 E	MAX	85	88	84	78	76	77	80	80	84	89	90	88	90	80	88	86	81	80	83	83	86	86	89	88	82	85	90	86	87	90	86	84.7
	MIN	54	54	62	65	47	46	54	54	64	62	64	66	65	64	65	64	55	50	53	55	57	61	62	70	68	65	68	68	65	69	70	60.9
LINCOLN	MAX	89	89	89	79	77	78	82	81	82	88	89	88	92	87	87	87	85	79	82	83	85	87	89	87	83	84	85	86	85	89	87	85.2
	MIN	57	60	71	68	53	52	58	66	60	61	66	67	65	69	66	69	60	54	55	59	59	61	65	67	71	70	69	68	68	71	67	63.6
MASON CITY 1 NW	MAX	89	90	82	78	78	79	83	81	81	88	90	88	92	88	86	86	82	80	82	84	86	88	89	87	83	84	86	85	87	89	81	84.9
	MIN	57	59	70	68	51	49	57	62	57	59	63	65	66	68	66	68	60	52	53	57	58	61	65	67	71	70	71	67	68	67	70	62.6
MINONK	MAX	86	90	88	82	74	72	74	80	75	82	85	91	93	92	89	89	85	79	78	82	85	89	91	92	90	84	86	91	92	89	91	85.4
	MIN	56	61	66	65	49	48	51	58	64	64	65	72	73	68	57	66	56	52	56	56	59	63	62	67	69	66	68	69	68	67	69	62.3
NORMAL	MAX	85	86	85	74	73	76	79	79	80	86	88	86	90	89	86	86	81	77	81	83	83	86	89	89	84	82	88	85	86	89	89	83.9
	MIN	56	57	68	66	51	50	57	64	66	61	69	69	67	67	65	68	57	52	52	55	57	61	69	71	69	70	71	68	65	72	71	63.3
PEORIA WSO AP	MAX	88	88	80	75	74	75	80	81	81	87	90	86	90	87	85	83	78	78	81	83	85	88	90	88	82	84	87	86	85	88	82	83.7
	MIN	55	60	69	59	51	52	60	60	60	61	63	69	65	67	65	64	59	51	53	55	57	62	65	68	70	70	69	69	67	67	69	62.3
PRINCEVILLE	MAX	86	88	86	72	71	75	79	82	83	85	88	89	90	84	84	83	78	78	80	84	84	87	89	88	81	83	87	86	88	87	83	83.5
	MIN	51	54	62	62	44	46	53	52	57	59	61	64	63	64	62	59	53	46	46	50	53	58	61	66	66	63	65	65	62	64	66	58.0
• • •																																	
EAST 05																																	
DANVILLE	MAX	84	86	86	76	76	77	78	77	82	86	86	84	82	85	89	87	81	79	82	83	86	87	89	86	85	81	88	88	87	91	87	83.9
	MIN	55	54	60	66	51	49	54	58	65	62	63	65	69	67	69	65	57	54	53	55	57	60	62	70	71	70	71	66	67	74	67	62.1
HOOPESTON 1 NE	MAX	82	84	83	76	74	77	78	74	79	85	86	83	80	83	87	84	77	77	80	83	84	86	88	84	79	82	86	83	86	89	80	81.9
	MIN	56	52	61	66	48	50	56	58	67	61	65	67	68	67	69	66	55	50	50	57	58	61	64	70	70	68	69	68	64	71	68	61.9
KANKAKEE WTR POLL CTR	MAX	78	81	80	82	80	74	76	78	80	82	86	88	86	85	87	86	81	75	79	82	84	83	88	90	87	79	82	84	85	87	82	82.5
	MIN	56	54	60	57	49	50	56	55	58	60	65	68	70	68	65	64	54	49	51	56	59	61	57	69	70	64	63	63	68	65	70	60.6
PIPER CITY 3 SE	MAX	83	85	83	77	74	77	80	70	82	87	87	85	87	85	87	87	77	80	82	84	85	88	88	85	80	84	88	85	84	90	85	83.3
	MIN	55	52	59	65	47	47	53	58	66	60	67	65	70	65	65	67	53	47	51	54	58	58	61	70	70	67	66	67	64	72	70	60.9
PONTIAC	MAX	84	84	83	77	72	75	77	76	80	84	86	85	87	81	86	86	80	78	80	81	83	86	88	86	83	81	83	86	86	88	86	82.5
	MIN	57	55	62	66	49	50	56	60	66	62	66	67	70	68	66	67	57	53	55	57	59	61	65	70	69	67	66	67	66	72	70	62.6
RANTOUL	MAX	81	84	85	81	72	74	75	79	70	79	85	85	84	92	87	87	85	85	86	80	82	84	89	90	85	80	84	85	84	87	90	83.1
	MIN	55	57	61	63	50	51	52	60	65	64	64	67	68	64	66	59	54	49	50	63	58	64	62	64	66	68	68	68	64	64	66	61.1
URBANA	MAX	84	86	83	74	76	76	79	71	81	86	87	82	88	85	86	84	76	78	80	83	84	86	89	85	80	83	85	84	86	90	78	82.4
	MIN	59	58	64	55	51	52	57	62	66	63	66	67	70	67	67	61	57	53	58	58	62	62	66	70	69	69	68	66	62	65	66	62.5
WATSEKA 2 NW	MAX	82	80	81	80	73	74	78	79	70	81	84	83	84	82	84	85	83	76	79	81	83	85	85	87	83	78	81	85	85	84	88	81.4
	MIN	57	52	56	62	48	49	53	54	61	59	62	67	69	66	66	66	54	47	49	54	55	55	56	65	69	66	64	67	66	64	68	59.5
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	84	86	83	89	86	73	80	81	82	88	87	89	87	96	95	92	90	84	83	83	86	88	92	89	91	83	87	79	88	91	95	86.7
	MIN	66	68	71	74	58	58	64	67	69	68	70	70	71	72	75	73	63	59	63	63	64	65	71	74	73	71	73	68	70	73	69	68.2
CARLINVILLE	MAX	89	89	89	87	76	78	82	81	85	87	90	86	95	95	92	87	84	81	84	86	87	90	91	91	85	88	84	86	89	93	89	87.0
	MIN	57	63	72	69	57	51	60	65	61	61	66	66	65	68	70	67	59	52	53	58	56	58	66	69	71	70	71	68	70	71	69	63.8
GRIGGSVILLE	MAX	86	86	85	84	72	76	79	82	85	86	89	86	95	91	89	86	81	81	82	84	86	89	89	88	82	86	82	85	87	91	83	84.9
	MIN	63	62	74		57	58	60	64	63	64	66	68	70	74	67	68	62	55	56	59	61	68	68	67	70	69	72	69	72	74	69	65.6
HILLSBORO	MAX	92	90	88	86	78	81	84	85	89	90	92	89	97	99	90	95	86	88	89	93	92	95	92	91	84	96	82	90	89	95	85	89.4
	MIN	55	61	62	65	56	50	58	63	59	59	62	63	60	60	65	64	56	50	50	55	54	56	64	65	69	70	71	69	70	66	62	60.9
JACKSONVILLE 2 E	MAX	86	87	89	85	76	76	79	81	81	84	86	88	85	94	92	88	86	79	80	83	84	86	89	89	88	84	86	84	86	88	91	85.2
	MIN	54	55	63	68	56	50	51	61	59	59	61	65	65	66	66	67	60	49	50	53	55	57	58	65	67	67	68	69	69	70	70	61.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	85	86	83	90	85	70	79	81	85	86	88	89	88	95	98	91	88	82	81	84	86	89	90	90	90	83	85	80	86	90		86.1
	MIN	56	61	72	72	56	55	62	66	63	59	63	67	63	74	70	64	61	53	55	59	54	62	65	69	69	69	71	68	68	71		63.9
PANA	MAX	84	86	82	79	73	76	80	78	81	84	86	83	91	90	88	85	80	78	80	81	82	86	88	85	81	83	80	83	85	90	85	83.0
	MIN	60	63	71	69	55	53	61	65	63	64	67	67	66	70	70	69	57	53	60	61	60	63	68	70	72	72	71	68	70	71	68	65.1
SPRINGFIELD WSO AP	MAX	89	92	82	78	79	80	84	83	84	89	91	87	94	90	87	85	79	81	83	85	86	90	92	89	83	86	86	86	88	91	80	85.8
	MIN	56	65	74	62	55	52	62	67	60	61	68	69	67	70	67	67	60	53	56	62	60	61	69	69	73	72	71	70	73	71	71	64.9
VIRDEN 1 N	MAX	89	90	89	88	75	90	85	82	85	89	92	87	94	93	91	90	81	82	85	86	88	92	90	89	82	86	82	87	90	91	85	86.9
	MIN	56	55			50	58	61	69	58	58	65	63	64	66	66	65	57	49	51	56	53	56	62	65	70	69	68	67	66	69	65	61.3
WHITE HALL 1 E	MAX	87	87	88	87	76	79	82	83	84	87	90	87	95	95	90	90	85	82	84	85	87	90	90	88	82	88	85	87	90	91	90	86.8
	MIN	59	62	73	70	57	55	61	67	63	62	65	68	67	70	71	70	61	58	55	63	58	60	67	67	73	69	69	70	70	72	70	65.2
. . .																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	86	85	80	77	78	79	82	80	83	85	86	85	89	86	88	86	85	79	81	82	84	85	85	83	82	83	82	82	86	90	89	83.6
	MIN	60	59	60	69	52	53	59	62	64	64	61	67	68	68	69	67	57	55	58	60	61	61	67	70	72	72	69	66	70	74	69	64.0
EFFINGHAM 3 W	MAX	83	84	88	80	80	72	76	81	77	84	85	85	74	89	90	88	86	79	80	82	83	86	89	88	84	85	82	76	82	85	90	83.0
	MIN	55	60	63	66	56	53	56	62	63	63	65	67	66	66	69	66	59	57	57	58	58	60	62	68	73	72	68	69	68	70	68	63.3
FLORA 5 NW	MAX	87	86	86	85	75	86	78	80	85	87	85	83	91	91	90	88	83	80	80	83	86	89	87	85	84	87	83	83	90	90	89	85.2
	MIN	56	63	68	70	58	52	58	64	59	61	65	65	64	66	70	65	59	56	56	57	58	60	65	70	73	69	70	69	69	71	67	63.6
MATTOON	MAX	86	87	79	78	78	79	82	75	82	85	86	79	91	89	88	85	76	78	80	80	83	85	88	84	82	83	81	82	87	91	80	82.9
	MIN	59	61	70	60	52	52	59	61	63	64	67	67	67	68	70	64	57	54	60	61	62	61	68	70	72	71	69	66	70	66	67	63.8
MOWEAQUA	MAX	88	90	86	79	79	80	83	80	84	81	87	81	94	90	89	87	82	80	84	84	87	89	91	89	82	86	86	89	86	91	85	85.5
	MIN	67	61	72	68	54	52	60	63	67	69	64	70	70	70	65	67	60	54	57	59	58	58	66	71	74	73	69	61	71	70	68	64.8
NEWTON 6 SSE	MAX	84	86	91	82	84	75	81	85	78	86	87	90	74	90	89	90	88	79	82	82	84	87	90	88	85	83	82	78	82	88	90	84.5
	MIN	59	58	65	72	56	50	56	62	64	61	63	65	67	67	66	67	58	57	58	58	60	61	63	68	71	71	70	69	68	70	66	63.4
OLNEY 2 S	MAX	87	89	83	87	76	79	84	82	86	87	88	83	89	90	91	88	82	83	82	84	88	89	89	85	85	82	83	82	89	92	89	85.6
	MIN	56	58	69	73	59	55	62	66	66	62	66	68	66	68	69	67	61	59	59	60	63	64	69	71	74	72	71	70	67	68	68	65.4
PALESTINE	MAX	85	87	82	81	75	78	83	85	85	86	86	88	88	86	87	88	81	80	80	83	84	88	87	84	83	80	78	79	87	91	87	83.9
	MIN	58	61	71	70	56	53	63	69	66	66	69	69	68	67	67	69	59	59	59	66	66	65	69	71	72	70	72	68	69	74	69	66.1
PARIS WATERWORKS	MAX	84	87	84	79	77	78	80	76	82	86	85	80	87	83	90	85	77	79	82	83	84	86	88	85	84	84	83	80	87	91	86	83.3
	MIN	58	59	66	71	51	54	57	62	66	64	67	67	68	68	68	67	56	54	58	60	62	62	66	70	72	73	68	65	66	73	66	64.0
SALEM	MAX	86	86	87	85	77	79	80	82	85	88	89	85	92	95	95	90	87	83	84	85	87	90	91	85	83	85	81	84	90	91	89	86.3
	MIN	60	67	71	72	59	57	63	67	68	65	67	69	65	70	73	69	62	59	60	62	62	65	69	71	75	70	73	70	70	72	68	66.8
TUSCOLA	MAX	87	89	89	80	78	78	82	76	82	88	89	85	92	88	88	88	82	79	80	83	85	87	90	87	80	83	86	84	88	91	87	84.9
	MIN	57	60	70	71	52	53	59	62	61	64	65	67	70	68	68	69	57	53	59	58	63	60	65	71	72	71	68	68	67	72	66	64.1
VANDALIA 3 SW	MAX																																
	MIN																																
WINDSOR	MAX	86	89	88	78	77	77	79	82	82	83	88	86	92	88	88	86	81	79	81	83	85	88	89	88	82	85	81	82	87	90	88	84.5
	MIN	57	59	70	68	51	50	58	59	58	62	67	65	66	68	67	67	56	51	51	53	58	60	67	69	70	71	67	66	68	70	66	62.4
. . .																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	88	81	90	94	88	86	81	87	83	86		85	90	91	94	90	83	83	83	85	86	89	90	84	84	81	78	85	90	90	90	86.5
	MIN	65	66	70	75	65	63	62	67	64	67		67	67	72	76	71	66	61	63	65	67	69	69	71	73	74	70	71	70	74	73	68.4
BELLEVILLE SO ILL UNIV	MAX	88	88	90	88	84	78	78	86	86	87	88	86	95	94	95	93	89	88	83	85	86	90	90	90	87	86	86	85	90	92	92	87.8
	MIN	60	65	70	73	59	56	62	66	65	61	63	68	66	68	71	67	65	54	56	56	56	58	64	72	73	72	74	68	69	70	68	65.0
CAHOKIA	MAX	80	86	78	94	89	75	79	83	80	88	88	90	91	96	97	94	91	84	84	85	84	82	92	92	89	89	87	88	89	93	94	87.5
	MIN	59				58	57	56	63	65	63	64	66	65	66	73	70	65	59	61	60	59	65	65	74	73	73	72	70	68	71	69	65.3
CAIRO WSO CI	MAX	92	83	95	94	84	82	81	87	84	86	87	83	91	92	93	92	85	86	86	86	86	91	91	87	84	84	82	86	91	92	93	87.6
	MIN	68	69	75	75	70	68	65	72	70	73	72	72	74	77	78	76	72	68	69	70	74	74	77	77	77	74	74	75	75	80	78	73.2
CARBONDALE SEWAGE PL	MAX	85	87	82	90	90	79	79	81	85	83	87	85	80	89	91	93	90	84	83	82	84	87	87	88	85	84	83	79	85	90	90	85.4
	MIN	59	66	67	73	66	61	61	62	65	66	67	69	67	69	74	67	66	60	60	61	62	62	66	71	73	73	71	72	70	73	69	66.7
CARLYLE RESERVOIR	MAX	85	88	85	87	87	76	78	80	84	84	86	89	87	92	94	95	90	83	82	83	85	86	89	92	89	87	88	82	85	87	92	86.4
	MIN	66	66	71	72	60	54	62	63	67	69	68	70	65	71	71	69	62	55	58	60	61	67	70	72	73	72	72	68	68	68	67	66.4
DU QUOIN 4 SE	MAX	91	85	95	91	81	81	85	87	85	87	89	80	96	98	101	91	84	84	84	86	89	89	92	87	89	88	80	81	93	94	90	88.2
	MIN	60	69	70	70	61	59	63	70	61	66	61	69	66	70	74	69	64	64	60	62	62	63	70	72	73	74	72	72	70	71	69	67.0
KASKASKIA R NAV LOCK	MAX	87	89	84	95	92	80	80	79	88	90	89	89	84	96	98	98	93	85	86	87	88	90	91	93	90	88	87	78	87	93	94	88.6
	MIN	62	66	67	74	65	62	62	63	67	65	68	69	69	71	74	68	65	60	59	59	59	60	63	72	74	74	72	69	69	72	70	66.7
MARION 4 NNE	MAX	85	88	85	92	91	79	80	82	85	86	88	88	78	90	93	95	90	83	83	83	85	86	89	90	86	84	83	80	80	91	91	86.1
	MIN	59	59	68	71	65	63	62	62	66	66	68	68	66	67	72	69	65	62	61	62	64	65	65	69	72	74	72	72	69	70	69	66.5
NASHVILLE 4 NE	MAX	88	86	88	87	81	78	77	84	85	87	88	85	93	94	93	90	87	83	83	85	87	87	91	88	82	86	79	83	91	91	88	86.3
	MIN	63	68	72	76	62	59	64	69	67	65	68	68	67	69	73	71	62	58	60	61	62	67	71	73	74	73	72	69	70	73	69	67.6
SPARTA	MAX	92	86	97	92	83	82	80	89	90	91	92	85	96	98	98	94	91	87	87	89	93	93	94	89	88	89	82	88	94	94	92	90.2
	MIN	60	67	71	77	64	61	63	68	68	64	69	68	68	71	74	69	64	58	60	59	59	60	70	74	73	73	71	70	72	72	70	67.3
WATERLOO	MAX	86	86	82			79	81	76	85	87	89	91	88	95	95	93	89	82	84	84	86	89	92	90	89	87	85	78	86	92	92	86.8
	MIN	61	67	74	62	62	58	60	64	66	64	67	68	67	68	74	69	65	57	59	59	59	60	69	72	74	74	72	66	71	72	69	66.1
. . .																																	
SOUTHEAST 09																																	
ALBION	MAX																																
	MIN																																
BROOKPORT DAM 52	MAX	89	86	92	91	82	80	79	87	84	87	85	81	91	92	95	93	90	85	84	85	86	88	89	85	86	84	82	85	91	90	90	86.9
	MIN	61	67	70	75	66	64	64	68	68	66	67	68	70	70	72	67	68	64	63	65	68	68	73	72	74	74	72	74	68	75	76	68.9
DIXON SPRINGS AGR C	MAX	86	88	90	91	90	79	80	85	83	84	85	85	89	90	94	92	89	82	82	83	84	89	88	84	85	83	81	83	89	89	90	86.2
	MIN	60	67	68	73	65	61	61	66	65	65	67	69	68	74	74	67	66	63	61	63	66	66	71	71	74	75	70	77	66	75	71	67.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JULY 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FAIRFIELO RADIO WFIW	MAX	87	85	86	87	80	79	79	83	83	89	87	84	91	92	94	87	86	81	81	82	86	88	88	85	83	85	82	80	90	91	88	85.5
	MIN	56	63	67	73	60	57	60	60	70	64	66	69	68	68	75	66	62	60	59	61	63	69	69	72	72	73	72	72	67	73	70	66.3
HARRISBURG	MAX	90	88	94	92	81	82	83	88	88	89	88	83	92	95	93	90	87	85	85	85	87	90	93	88	87	85	85	85	93	94	92	88.3
	MIN	61	70	70	76	65	64	63	67	69	67	69	70	67	73	72	68	65	62	60	65	65	68	69	72	74	74	72	73	69	74	70	68.5
MC LEANSBORO 2 ENE	MAX	84	88	86	88	94	80	80	83	86	87	88	87	75	91	93	93	89	81	83	82	85	88	88	91	85	85	85	81	83	90	91	86.1
	MIN	58	64	69	71	62	60	63	64	68	68	68	68	66	69	70	66	61	59	60	61	63	65	67	71	72	72	69	69	68	70	68	66.1
MT CARMEL	MAX	85	89	88	84	90	79	81	80	85	82	86	87	73	90	89	88	91	83	84	83	86	87	89	85	87	84	84	80	81	89	92	85.2
	MIN	59	63	70	71	54	57	58	65	69	68	69	70	69	68	68	69	62	61	61	63	65	68	70	70	72	72	70	72	69	69	69	66.5
MT VERNON 3 NE	MAX	86	88	90	88	86	88	89	89	91	92	92	91	90	91	94	95	92	85	85	87	89	90	92	92	91	90	85	88	92	89	88	89.5
	MIN	56	58			58	62	65	68	70	70	68	64	65	69	74	68	64	60	57	59	65											
RENO LAKE OAM	MAX	86	90	87	91	90	79	79	83	86	86	88	88	80	91	94	94	90	84	83	82	86	86	88	91	87	85	87	80	85	92	92	86.8
	MIN	61	64	69	71	64	64	65	66	65	66	69	70	67	66	73	69	65	64	64	67	69	67	72	72	73	74	72	72	71	72	68	68.1
ROSICLARE	MAX	85	84	89	89	87	79	78	84	81	84	85	80	87	90	91	90	85	82	80	84	84	87	87	83	83	82	80	84	87	89	88	84.8
	MIN	67	67	69	73	62	61	63	67	67	65	66	67	66	71	69	65	66	63	59	62	66	68	70	71	74	74	71	69	67	73	70	67.4

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1978 - 1979

ILLINOIS

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
. . .														
NORTHWEST 01														
ALEDO						1223	1657	1367	827	503	146	6		6155
DIXON	1	7	47	434	758	1347	1804	1466	955	572	204	25	7620	6372
FREEPORT WASTE WTR PLT	4	7	76	482	815	1360	1803	1500	1016	604	248	35	7950	
FULTON DAM 13	1	0	56	425	762	1313	1803	1497	982	580	203	16	7638	6395
GALVA	4	3	44	429	754	1311	1785	1479	931	557	200	20	7517	6157
GENESEO	0	3	61	432	762	1277	1745	1430	896	541	159	11	7317	
HENNEPIN POWER PLANT	1	8	53	430	727	1284	1794	1442	896	530		8		
KEWANEE 1 E	11	13	59	444	752	1317	1759	1477	931	576	231	24	7594	6180
MOLINE WSO AP	1	4	59	415	767	1305	1820	1445	884	521	172	12	7405	6395
MORRISON	4	10	67	470	790	1362	1823	1435	918	557		34		6328
MOUNT CARROLL	8	22	94	541	858	1407	1892	1541	1001	620	272	37	8293	6641
PAW PAW	11	13	66	497	825	1399	1810	1521	1050	632	256	36	8116	
ROCHELLE 6 NW	7	7	74											
ROCHELLE				489	780	1401	1903	1531	1040	644	284	39		
ROCKFORD WSO AP	2	7	66	461	806	1333	1771	1458	1026	658	245	27	7860	6845
STOCKTON 1 N	3	4	76	516	859	1403	1865	1533	1025	635	279	37	8235	
TISKILWA 2 SE	1	7	45	393	723	1240	1701	1384	852	571	175	12	7104	
WALNUT	3	5	46	422	728	1280	1740	1411	892	540	167	8	7242	6229
. . .														
NORTHEAST 02														
ANTIOCH 2 NW	10	7	77	470	812	1324	1798	1462	1014	672	295	61	8002	6773
AURORA	3	8	62	446	753	1283	1715	1424	924	583	216	28	7445	6551
BARRINGTON	12	7	77	485	790	1317	1784	1446	975	622	251	49	7815	
CHICAGO O'HARE WSO AP	1	4	59	418	718	1206	1622	1360	879	580	233	30	7110	6497
CHICAGO UNIVERSITY	1	0	26	313	620	1132	1533	1262	812	542	192	21	6454	6068
CHICAGO MIDWAY WSCMO	4	1	50	410	671	1199	1628	1345	910	606	216	28	7068	6127
DE KALB	1	3	37	382	733	1309	1711	1396	914	570	186	9	7251	6715
ELGIN	6	6	74	493	796	1379	1799	1474	999	628	276	42	7972	
GEBHARD WOODS ST PARK	1	3	50	482	777	1261	1713	1447	926	529	176	18	7383	
JOLIET BRANDON RD DAM	4	2	57	424	706	1250	1705	1436	918	563	229	17	7311	
MARENGO	6	9	57	431	752	1302	1696	1406	935	605	216	24	7439	6833
OTTAWA	0	1	29	335	692	1195	1624	1340	774	476	125	1	6592	5877
PARK FOREST	2	3	68	393	713	1227	1701	1405	931	626	277	29	7375	
PERU 2 W	0	5	52	362	704	1183	1664	1438	843	501	175	7	6934	6074
WAUKEGAN	19	11	81	466	797	1318	1739	1445	997	712	328	74	7987	6656
WHEATON 3 SE	5	4	46	401	728	1270	1687	1337	847	568		16		
. . .														
WEST 03														
GALESBURG	0	4	51	412	743	1254	1753	1411	877	537	171	8	7221	
GOLDEN 1 NW	0	2	25	309	628	1099	1650	1292	727	452	114	1	6299	
LA HARPE	0	2	59	398	682	1164	1674	1354	762	461	135	4	6695	5804
MONMOUTH	0	5	47	390	707	1204	1666	1346	805	493	148	7	6818	6005
QUINCY FAA AP	0	1	36	316	601	1072	1645	1317	740	431	109	0	6268	
QUINCY DAM 21	0	3	32	369	678	1094	1646	1350	747	428	146	4	6497	
RUSHVILLE	0	3	29	343	620	1089	1641	1301	748	423	106	2	6305	5594
. . .														
CENTRAL 04														
CHENOA	1	7	42	368	679	1124	1666	1371	824	510	170	7	6769	
DECATUR	0	1	37	346	582	1020	1559	1292	704	423	133	1	6098	5344
FARMER CITY	0	0	31	344	618	1056	1615	1354	775	450	157	1	6401	
HAVANA 4 NNE	1	1	50	381	648	1126	1675	1409	818	486	172	4	6771	
LACON 2 E	0	3	33	349	663	1176	1662	1349	809	501	157	6	6708	
LINCOLN	0	0	31	334	600	1053	1568	1311	750	432	128	0	6207	5561
MASON CITY 1 NW	0	3	32	349	626	1076	1621	1339	760	447	135	0	6388	
MINONK	1	0	42	422	691	1206	1701	1368	908	547	190	4	7080	6089
NORMAL	0	1	28	322	625	1075	1604	1334	758	459	149	3	6358	
PEORIA WSO AP	0	4	49	390	704	1174	1722	1403	833	510	194	10	6993	6098
PRINCEVILLE	4	4	53	455	767	1269	1792	1464	901	570	195	13	7487	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1978 - 1979

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
. . .														
EAST 05														
DANVILLE	2	1	40	341	586	1001	1513	1300	691	430	162	2	6069	5538
HOOPESTON 1 NE	2	2	44	370	626	1056	1570	1350	763	489	164	4	6440	5779
KANKAKEE WTR POLL CTR	3	1	57	419	710	1190	1721	1461	920	576	200	6	7264	
PIPER CITY 3 SE	2	2	39	369	650	1093	1628	1405	809	504	157	3	6661	5961
PONTIAC	2	3	36	343	683	1148	1627	1386	813	493	145	4	6683	5835
RANTOUL	3	1	16					1385	864	479	186	7		
URBANA	0	0	37	368	635	1062	1597	1337	798	466	172	6	6478	5631
WATSEKA 2 NW	7	8	78	458	721	1152	1673	1472	867	563	246	15	7260	
. . .														
WEST SOUTHWEST 06														
ALTON DAM 26	0	0	25	346	579	1009	1526	1256	729	400	116	0	5986	
CARLINVILLE	0	0	30	316	553	989	1519	1222	661	392	120	1	5803	5147
GRIGGSVILLE	0	10	63	403	665	1087	1584	1295	731	432	113	2	6385	5332
HILLSBORO	0	1	13	273	517	963	1452	1215	626	351	99	0	5510	5021
JACKSONVILLE 2 E	1	4	53	399	618	1073	1626	1388	802	487	194	6	6651	5300
JERSEYVILLE 2 SW	1	3	47	382	576	992	1590	1305	693	429				
PANA	0	1	31	327	548	991	1533	1263	691	398	132	2	5917	5219
SPRINGFIELD WSO AP	0	0	36	349	591	1035	1627	1336	758	435	119	0	6286	5558
VIRDEN 1 N	0	1	36	337	576	1010	1574	1302	698	414	124	1	6073	
WHITE HALL 1 E	0	0	21	299	549	992	1537	1255	662	396	110	0	5821	5102
. . .														
EAST SOUTHEAST 07														
CHARLESTON	0	0	24	322	531	977	1506	1248	670	398	147	3	5826	5303
EFFINGHAM 3 W	0	5	59	415	570	1000	1564	1331	760	450	200	11	6365	5197
FLORA 5 NW	0	0	35	318	527	931	1471	1220	637	357	135	7	5638	4781
MATTOON	0	0	32	355	572	993	1552	1303	738	437	161	3	6146	
MOWEAQUA	0	0	24	333	528	979	1558	1304	654	379	124	1	5884	
NEWTON 6 SSE	0	1	42	376	545	974	1521	1319	732	426	177	4	6117	
OLNEY 2 S	0	0	21	308	488	923	1429	1192	610	339	118	3	5431	4694
PALESTINE	0	0	29	326	511	931	1434	1212	625	364	126	4	5562	4910
PARIS WATERWORKS	0	0	31	320	549	978	1508	1282	694	399	146	3	5910	5318
SALEM	0	0	12	292	511	946	1450	1183	631	338	107	1	5471	
TUSCOLA	0	0	32	315	576	997	1530	1287	683	394	124	4	5942	
VANDALIA 3 SW	0	0	33	366	555	992	1535	1298	713		138	1		
WINDSOR	0	2	34	322	552	993	1525	1259	685	395	145	5	5917	5331
. . .														
SOUTHWEST 08														
ANNA 1 E	0	0	8	257	449	891	1318	1064	575	294	109	1	4966	4305
BELLEVILLE SO ILL UNIV	0	0	24	291	514	889	1418	1160	594	321	118	1	5330	
CAHOKIA	0	3	28	373	558	924		1191	647	370	163	4		
CAIRO WSO CI	0	0	0	193	387	801	1247	965	515	225	61	0	4394	3833
CARBONDALE SEWAGE PL	0	1	38	379	500	911	1416	1133	626	328	142	3	5477	4322
CARLYLE RESERVOIR	0	1	26	333	530	940	1533	1248	708	386	137	2	5844	4844
DU QUOIN 4 SE	0	0	26	359	512	927	1455	1132	621	339	126	3	5500	4408
KASKASKIA R NAV LOCK	0	0	33	328	526	905	1446	1168	669	355	120	1	5551	
MARION 4 NNE	0	4	37	367	479	932	1427	1168	639	346	146	5	5550	
NASHVILLE 4 NE	0	0	16	284	498	938	1435	1167	623	328	113	1	5403	
SPARTA	0	0	11	265	473	894	1391	1081	592	300	95	0	5102	4388
WATERLOO	0	0	24	300	506	909	1437	1136	658	360	126	7	5463	
. . .														
SOUTHEAST 09														
ALBION	0				451	849	1374	1107	577	313	92	0		
BROOKPORT DAM 52	0	0			461	824	1253	985	498	240	78	0		
DIXON SPRINGS AGR C	0	0	17	283	444	827	1280	996	512	267	100	6	4732	
FAIRFIELD RADIO WFIW	0	0	20	305	475	910	1397	1162	603	349	125	5	5351	4606
HARRISBURG	0	0	11	278	449	832	1318	1053	547	263	82	0	4833	4191
MC LEANSBORO 2 ENE	0	3	29	358	487	925	1463	1194	669	362	148	2	5640	4385
MT CARMEL	0	3	21	352	476	908	1423	1194	655	361	140	1	5534	
MT VERNON 3 NE	0	0	44	390	500	960	1448	1183	617	298		1		4642
RENO LAKE DAM	0	0	19	317	463	903	1434	1158	653	333	111	0	5391	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1978 - 1979

ILLINOIS

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
ROSICLARE	0	0	26	318	469	850	1275	1018	525	289	113	6	4889	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	77	81	84	75	75	78	78	76	70	77	80	81	78	82	80	83	85	79	80	73	79	81	82	81	80	76	82	80	80	82	84	79.3
		MIN	67	70	70	73	67	65	67	70	70	70	69	69	73	72	73	75	74	71	70	70	70	72	72	73	75	75	73	76	76	77	74	71.5
	8	MAX	75	76	78	75	75	74	74	81	72	73	76	77	76	78	76	78	80	77	77	76	75	77	78	77	77	76	76	77	78	78	81	76.6
		MIN	71	71	72	73	71	70	70	69	72	71	71	73	74	73	73	75	77	74	74	73	72	73	73	76	76	76	74	76	75	77	77	73.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.17	.29	.28	-	.26	.14	.22	.28	.21	.14	.26	.28	.14	.19	-	.26	.25	.59	.22	.44	.52	.95	.20	.29	-	.18	.25	.22	.31	-	.29	8.998
	WIND	35	28	30	24	28	21	13	23	22	12	17	18	16	33	11	23	25	20	14	11	10	14	16	21	28	14	24	22	27	27	41	668
	MAX	91	95	97	94	88	86	96	91	89	95	98	99	94	89	80	96	96	91	94	92	96	92	92	95	95	95	93	99	98	94	96	93.4
	MIN	62	65	65	64	58	56	58	62	63	69	70	60	63	68	68	70	69	61	63	69	65	66	63	72	72	71	77	72	73	72	73	66.4
EAST 05																																	
URBANA	EVAP	.46	.51	.32	.06	.17	.18	.22	.18	.05	.09	.15	.16	.10	.21	.03	.25	.28	.21	.25	.16	.21	.15	.20	.16	-	-	-	.11	.23	.18		6.068
	WIND	22	40	25	36	34	30	24	22	14	14	12	19	20	41	18	38	39	41	19	12	17	5	12	31	37	18	19	34	12	25	46	776
	MAX	83	89	93	75	78	83	84	86	74	84	89	91	84	91	85	92	94	83	87	87	90	89	96	90	-	-	87	87	86	93	95	87.1
	MIN	57	59	58	62	51	49	52	60	61	64	65	66	68	66	67	61	57	53	52	58	58	61	61	65		-	70	64	66	66	65	60.8
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.38	.37	.33	.19	.37	.17	.33	.23	.22	.40	.22	.26	.43	.19	.24	.40	.29	.29	.21	.26	.31	.27	.34	.23	.20	.19	.14	.16	.17	.15	.24	8.18
	WIND	55	62	58	77	80	64	66	48	35	26	29	56	39	67	45	56	76	53	29	36	23	27	59	77	51	25	27	60	27	48	47	1528
	MAX	92	94	88	78	84	83	87	87	80	83	95	92	98	91	96	92	85	82	87	87	91	92	94	90	89	92	88	92	94	98	92	89.5
	MIN	61	65	72	70	55	54	61	65	75	79	71	70	71	70	70	71	62	58	60	65	65	67	74	70	69	75	73	69	74	73	70	67.9
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.29	.25	.20	.16	.25	.21	.19	.21	.13	.22	.14	.28	.14	.08	.34	.29	.42	.41	.30	.34	.35	.30	.26	.30	-	.10	.21	.94	.17	.11	.33	8.188
	WIND	44	30	45	47	127	80	76	37	22	33	23	50	62	54	44	42	100	113	77	50	58	34	34	88	116	63	52	63	53	39	69	1825
	MAX	80	91	91	90	92	91	90	83	86	87	92	94	92	96	97	100	95	85	88	88	89	93	95	91	90	91	90	80	89	92	94	90.4
	MIN	64	62	69	72	62	61	60	57	67	67	7[illegible]	72	73	74	70	69	61	56	55	62	63	64	68	71	70	73	73	69	68	74	69	66.7

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSCMO R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	FRANK K STANFORD
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON	2348	01	LEE		41 50	89 29	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT O PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR O CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD	3666	06	GREENE		39 21	90 13	560				C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455	6A	7A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	520		7A		H	EDDY R WEBB
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	ODYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER IWSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
RENO LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
O	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

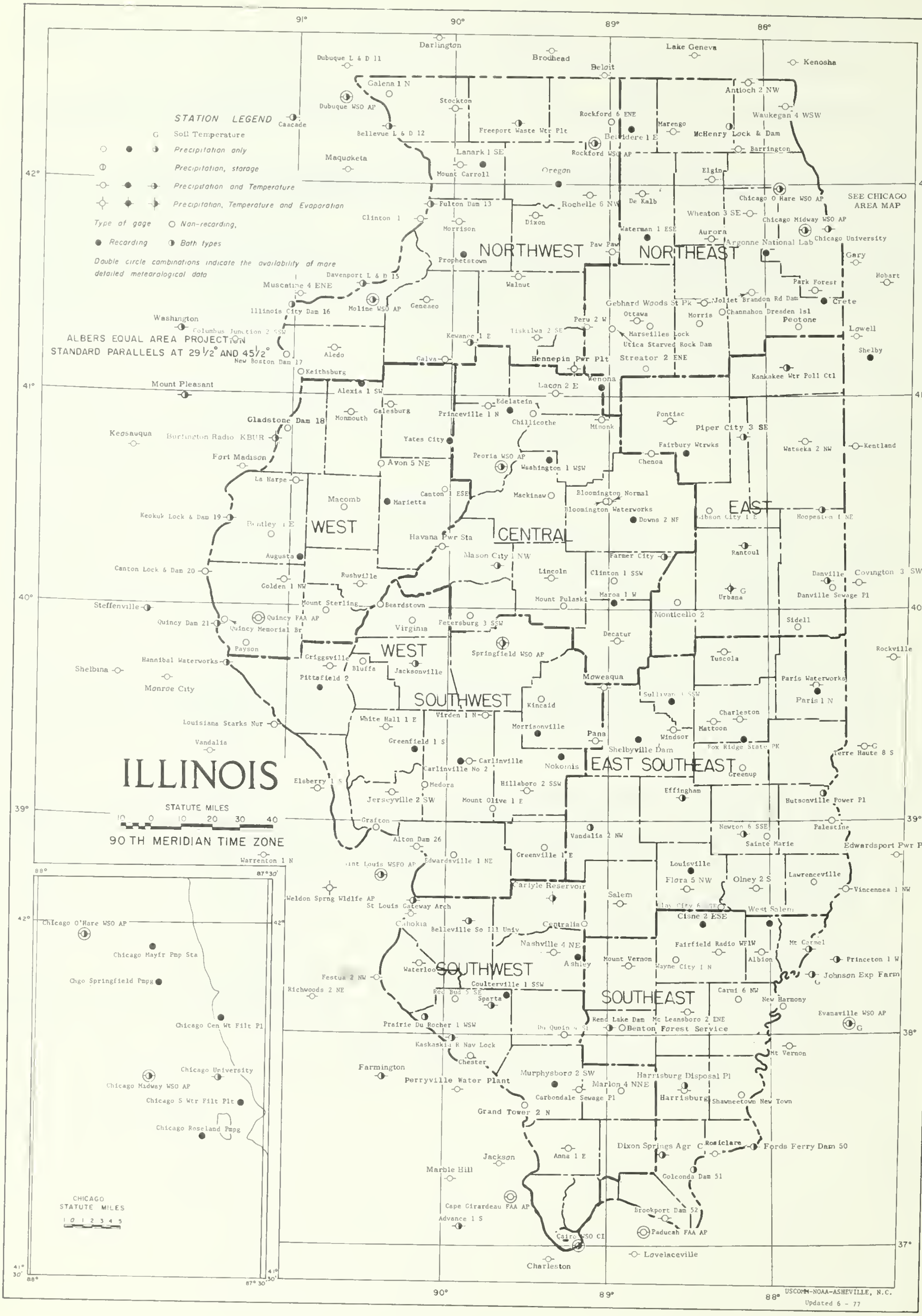
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS

BULK RATE

AUGUST 1979 VOLUME 84 NUMBER 8

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	GRIGGSVILLE	100	DATE 07
LOWEST TEMPERATURE:	2 STATIONS	39	DATE 15
GREATEST TOTAL PRECIPITATION:	PERU 2 W	12.41	
LEAST TOTAL PRECIPITATION:	HAVANA 4 NNE	.66	
GREATEST 1 DAY PRECIPITATION:	TISKILWA 2 SE	5.72	DATE 18

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	28	SW	30	-	-	-	-	0	2	4	2	0	1	9	61	-
CHICAGO O HARE WSO AP	20	1.0	9.8	29++	31	08	79	83	62	63	6	3	7	1	2	1	20	-	7.1
CHICAGO MIDWAY WSCMO AP	19	1.8	9.4	29	N	08	80	86	69	69	2	5	5	4	1	1	18	58	7.7
MOLINE WSO AP	19	2.8	9.0	34	NW	20	88	92	65	70	3	5	2	3	1	1	15	57	6.0
PEORIA WSO AP	18	2.9	8.1	26	NW	22	87	92	63	68	7	3	3	0	0	0	13	60	6.5
ROCKFORD WSO AP	17	1.9	9.3	31++	30	04	92	95	71	74	5	3	6	4	0	1	19	-	7.1
SPRINGFIELD WSO AP	20	3.5	7.9	21	SW	05	90	93	69	73	0	6	1	1	1	0	9	72	6.1

CLEMSON UNIVERSITY LIBRARY
DEC 5 1979
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
AUGUST 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
• • • NORTHWEST 01																							
ALEDO	84.0	63.1	73.6	.3	95	7	47	15	9	6	0	0	0	4.03	1.29	1.61	20	.0	0		8	3	1
DIXON 3 W	78.1	59.2	68.7	- 4.1	90	8+	46	15	34	2	0	0	0	7.71	4.33	2.51	18	.0	0		10	5	2
FREEPORT WASTE WTR PLT	80.1	59.3	69.7		92	8	45	16+	29	2	0	0	0	9.59		1.83	18	.0	0		10	8	4
FULTON DAM 13	80.3	62.1	71.2	- 1.7	92	8+	50	16+	19	2	0	0	0	9.78	5.98	3.92	18	.0	0		10	6	4
GALVA	83.0	61.2	72.1	- .8	95	8+	47	15	18	6	0	0	0	2.75	- .43	.81	18	.0	0		7	2	0
GENESEO	83.3	63.5	73.4		96	5	47	15	13	7	0	0	0	10.85	7.30	4.31	18	.0	0		8	5	2
HENNEPIN POWER PLANT	82.0M	61.3	71.7M		96	7	45	15+	22	6	0	0	0	11.90		5.32	18	.0	0		8	5	2
KEWANEE 1 E	82.0	61.3	71.7	- 1.4	95	8	45	12	21	5	0	0	0	6.87	3.89	2.73	18	.0	0		8	3	2
MOLINE WSO AP R	82.2	61.7	72.0	- .9	94	7	47	15+	22	5	0	0	0	6.94	3.57	2.39	18	.0	0		7	5	2
MORRISON	81.2	57.6	69.4	- 3.3	93	8	47	16+	27	3	0	0	0	10.48	6.76	4.60	18	.0	0		10	4	3
MOUNT CARROLL	80.1M	58.2M	69.2M	- 2.2	92	8+	40	15	41	2	0	0	0	7.25	3.83	2.06	18	.0	0		9	4	4
PAW PAW	79.0	59.3	69.2		92	8	46	12	32	1	0	0	0	6.28	2.99	1.75	18	.0	0		9	4	2
ROCHELLE	79.3	55.7M	67.5M		94	8	43	13+	49	1	0	0	0	9.69		3.81	20	.0	0		13	6	2
ROCKFORD WSO AP //R	79.1	60.8	70.0	- 1.5	92	7	46	16+	26	1	0	0	0	6.74	3.08	2.03	17	.0	0		11	5	1
STOCKTON 1 N	78.6M	57.8	68.2M		90	8	39	15	48	1	0	0	0	7.22		2.70	18	.0	0		11	4	2
TISKILWA 2 SE	83.2M	61.2M	72.2M		95	7	44	15	14	6	0	0	0	11.26	8.09	5.72	18	.0	0		7	4	2
WALNUT	83.1	62.5	72.8	- .6	95	7	45	15	12	5	0	0	0	11.86	8.35	4.57	20	.0	0		9	6	2
DIVISION			70.7	- 1.7										8.31	4.96			.0					
• • • NORTHEAST 02																							
ANTIOCH 2 NW	77.0	58.4M	67.7M	- 3.4	92	8	42	16	36	1	0	0	0	11.28	8.27	4.96	18	.0	0		11	7	2
AURORA	79.9	60.6	70.3	- 1.3	93	7	45	16	23	2	0	0	0	4.96	2.00	1.60	18	.0	0		9	5	1
BARRINGTON	78.4	59.5	69.0		92	8	42	16	33	1	0	0	0	8.65		2.04	10	.0	0		11	7	3
CHICAGO O'HARE WSO AP R	80.3	61.6	71.0	- .1	93	7	45	16	19	2	0	0	0	7.57	4.84	2.24	29	.0	0		11	4	3
CHICAGO UNIVERSITY //	80.3	64.6	72.5	- .6	95	8	55	16	1	2	0	0	0	7.90	4.77	1.38	18	.0	0		13	7	2
CHICAGO MIDWAY WSCMO //R	78.8	64.5	71.7	- 2.0	92	7	51	12	13	1	0	0	0	8.64	5.50	2.60	17		0		11	6	2
DE KALB	80.3	61.7	71.0	- .6	92	8+	45	16+	21	2	0	0	0	8.35	5.15	2.57	10	.0	0		14	6	3
ELGIN	78.0	58.4	68.2		90	8	45	16	34	1	0	0	0	8.82	5.74	2.05	9	.0	0		13	7	4
GEBHARD WOODS ST PARK	82.2	60.4	71.3		93	8	44	16	22	3	0	0	0	5.63		1.60	18	.0	0		10	4	1
JOLIET BRANDON RD DAM	81.1	61.2	71.2	- 1.6	93	8	48	16	16	2	0	0	0	6.02	2.88	1.29	18	.0	0		12	5	1
MARENGO	80.3	59.9	70.1	- 1.1	93	7	42	16	29	1	0	0	0	8.27	5.04	2.00	10	.0	0		12	8	2
OTTAWA	84.9M	62.9M	73.9M	- .1	97	7	48	15	7		0	0	0	8.86	5.76	3.24	20	.0	0		10	3	2
PARK FOREST	79.0M	60.4M	69.7M		91	8	45	16	22		0	0	0	7.60	4.39	1.81	18	.0	0		11	4	3
PERU 2 W	84.5	61.7	73.1	- .8	95	8	46	15+	9	5	0	0	0	12.41	9.64	4.50	20	.0	0		9	6	3
WAUKEGAN	76.5	59.1	67.8	- 3.5	92	8	43	16	36	1	0	0	0	9.39	6.50	2.20	18	.0	0		13	7	3
WHEATON 3 SE	80.9	61.3	71.1		93	7	43	16	19	2	0	0	0	10.03	7.13	2.08	18	.0	0		11	8	4
DIVISION			70.6	- 1.9										8.40	5.36			.0					
• • • WEST 03																							
GALESBURG	82.5	62.2	72.4		93	7+	45	11	22	5	0	0	0	3.79	.57	.85	21	.0	0		9	3	0
GOLDEN 1 NW	85.0	63.4	74.2		95	6	48	12	8	8	0	0	0	1.76	- 1.38	.61	10	.0	0		6	1	0
LA HARPE	84.8	63.2	74.0	.0	95	7+	49	12	6	8	0	0	0	4.22	.37	1.52	19	.0	0		5	3	2
MONMOUTH	84.5	61.6	73.1	- .3	95	7+	45	15+	12	8	0	0	0	2.27	- .94	.94	22	.0	0		6	1	0
QUINCY FAA AP	84.7	64.8	74.8		96	18+	48	12	11	9	0	0	0	1.94	- 1.54	.64	29	.0	0		5	1	0
QUINCY DAM 21 //	85.0	61.6	73.3		97	8	49	13	8	10	0	0	0	2.29	- 1.06	.83	23	.0	0		5	2	0
RUSHVILLE	86.1	63.1	74.6	.0	98	19	47	15	7	9	0	0	0	1.81	- 1.80	.82	22	.0	0		5	1	0
DIVISION			73.8	- .7										2.58	- .89			.0					
• • • CENTRAL 04																							
CHENOA	82.3	61.6	72.0		92	5	43	15	17	3	0	0	0	5.12		2.90	18	.0	0		5	2	2
DECATUR	85.1	62.1	73.6	- 1.4	93	8+	47	15	5	9	0	0	0	4.54	1.57	2.12	1	.0	0		7	3	1
FARMER CITY	82.4M	62.6M	72.5M		93	8	45	15	15		0	0	0	3.98		.86	23+	.0	0		7	4	0
HAVANA 4 NNE	85.7	61.8	73.8		96	8+	47	15+	12	10	0	0	0	.66	- 2.54	.23	19	.0	0		3	0	0
LACON 2 E	85.5	62.5	74.0		95	7	47	15	7	6	0	0	0	3.70		1.85	18	.0	0		6	2	1
LINCOLN	83.3	64.2	73.8	- .7	93	6	49	15	6	7	0	0	0	1.24	- 1.78	.54	2	.0	0		4	1	0
MASON CITY 1 NW	83.5	63.4	73.5		93	6	47	15	9		0	0	0	1.83		.50	19	.0	0		4	1	0
MINONK	84.0M	61.1M	72.6M	- .1	97	8	46	14	16		0	0	0	5.90	2.97	1.80	23	.0	0		7	5	2
NORMAL	84.2	64.1	74.2	.0	92	9+	47	15	9	6	0	0	0	2.06	- 1.27	.55	1	.0	0		5	1	0
PEORIA WSO AP //R	83.1	61.9	72.5	- 1.0	94	7	45	15	19	5	0	0	0	.87	- 2.20	.37	18	.0	0		3	0	0
PRINCEVILLE	82.7M	58.5M	70.6M		92	8+	39	15	21	5	0	0	0	2.14	- .65	.55	20	.0	0		6	1	0
DIVISION			73.0	- 1.0										2.91	- .24			.0					
• • • EAST 05																							
DANVILLE	83.3M	62.8	73.1M	- .2	93	8	46	15	7	6	0	0	0	9.84	6.76	4.24	19	.0	0		7	6	4
HOOPESTON 1 NE	81.5	62.6	72.1	- .9	92	5	45	15	13	4	0	0	0	5.30	2.62	1.23	20	.0	0		11	4	1
KANKAKEE WTR POLL CTR	82.1	61.5	71.8		91	8+	47	16	19	3	0	0	0	7.33		2.01	20	.0	0		11	4	3
PIPER CITY 3 SE	82.7	61.4	72.1	- .5	91	9+	42	15	17	5	0	0	0	5.00	2.09	1.26	18	.0	0		7	4	2
PONTIAC	82.1	62.6	72.4	- .8	94	7	47	15	12	4	0	0	0	6.06	3.33	1.65	20	.0	0		7	5	2
RANTOUL	82.5	62.0	72.3		94	7	46	16	21	7	0	0	0	5.48	2.94	1.58	2	.0	0		7	4	2
URBANA	81.3	63.5	72.4	- 1.1	92	6	48	15	12	5	0	0	0	5.10	2.13	.83	21	.0	0		8	6	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	80.2	59.8	70.0		89	9+	45	15	28	0	0	0	0	7.35	4.49	1.75	18	.0	0		12	6	2
DIVISION			72.0	- 1.0										6.43	3.53			.0					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	85.4	67.2	76.3		96	9	55	16	1	10	0	0	0	2.02		.44	22	.0	0		6	0	0
CARLINVILLE	86.0	64.0	75.0	- .2	95	6+	49	12	5	10	0	0	0	4.93	1.77	1.70	1	.0	0		6	3	2
GRIGGSVILLE	84.0	64.8	74.4	- 1.0	100	7	49	12	7	8	0	0	0	3.34	.05	1.10	21	.0	0		8	3	1
HILLSBORO	88.2	59.2	73.7	- 1.5	99	8	46	12	6	13	0	0	0	2.60	- .58	1.20	1	.0	0		4	2	1
JACKSONVILLE 2 E	83.2	61.3	72.3	- 2.4	96	19	47	12	20	7	0	0	0	1.74	- 1.49	.43	1	.0	0		5	0	0
JERSEYVILLE 2 SW	84.7	63.0	73.9		94	8+	52	16+	6	9	0	0	0	4.03		1.69	1	.0	0		6	3	2
PANA	82.2	64.5	73.4	- 1.5	91	6	52	12	10	5	0	0	0	2.22	- 1.60	1.02	2	.0	0		6	1	1
SPRINGFIELD WSO AP R	83.6	64.3	74.0	- .4	92	18+	51	12	9	8	0	0	0	2.85	- .11	1.47	1	.0	0		3	2	1
VIRDEN 1 N	85.3	63.1	74.2		94	6	53	24	0	8	0	0	0	3.56	.01	1.73	1	.0	0		6	1	1
WHITE HALL 1 E	85.1M	63.8M	74.5M	- .7	94	19	53	12	2	9	0	0	0	2.63	- .66	1.02	1	.0	0		7	2	1
DIVISION			74.2	- 1.0										2.99	- .30			.0					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	82.8	64.5	73.7	- 1.4	92	8+	50	15	8	5	0	0	0	3.04	.17	1.18	29	.0	0		7	2	1
EFFINGHAM 3 W	81.5	62.9	72.2	- 2.7	91	9+	52	16+	11	4	0	0	0	1.96	- .80	1.05	11	.0	0		3	2	1
FLORA 5 NW	84.2	63.5	73.9	- 1.6	96	5	48	16	8	8	0	0	0	4.88	1.94	1.45	21	.0	0		8	4	2
MATTOON	82.5	63.8	73.2		93	6	50	15	9	7	0	0	0	1.80		1.04	1	.0	0		4	1	1
MOWEAQUA	83.6M	63.6M	73.6M		93	6	50	15	7	8	0	0	0	2.56		1.46	1	.0	0		5	1	1
NEWTON 6 SSE	83.4	62.7	73.1		95	7	51	16	9	7	0	0	0	2.66	- .29	.91	11	.0	0		7	2	0
OLNEY 2 S	84.6M	64.3	74.5M	- 1.3	94	8	52	16	3	7	0	0	0	4.87	1.65	1.58	1	.0	0		7	5	2
PALESTINE	83.1	65.4	74.3	- 1.4	94	6	53	12	4	7	0	0	0	3.83	.72	1.02	23	.0	0		7	4	1
PARIS WATERWORKS	82.5	63.6	73.1	- 1.5	92	8+	48	15	9	5	0	0	0	5.63	3.04	2.62	19	.0	0		6	3	2
SALEM	84.7	65.8	75.3		95	8	54	16	1	9	0	0	0	5.78		1.98	11	.0	0		7	5	2
TUSCOLA	84.0	63.3	73.7		94	7+	46	15	7	8	0	0	0	5.85	2.75	1.82	28	.0	0		6	4	3
VANDALIA 3 SW	84.7M	65.9M	75.3M		95	20+	57	16+	0	6	0	0	0	3.02		1.00	1	.0	0		7	3	1
WINDSOR	83.1	63.0	73.1	- 1.3	92	8+	48	16+	11	6	0	0	0	1.51	- 1.62	.91	1	.0	0		4	1	0
DIVISION			73.8	- 1.2										3.65	.66			.0					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	85.8M	65.3M	75.6M	- 1.0	95	6	54	16+	0	7	0	0	0	3.56	- .51	1.23	11	.0	0		6	4	1
BELLEVILLE SO ILL UNIV	86.3	64.3	75.3		94	8+	51	16	4	10	0	0	0	3.64		.86	20	.0	0		7	3	0
CAHOKIA	87.2	64.4	75.8		96	9+	53	17+	2	14	0	0	0	1.66		.60	1	.0	0		7	1	0
CAIRO WSO CI R	86.7	71.5	79.1	- .1	98	7	59	16	0	10	0	0	0	4.78	1.28	2.37	23	.0	0		7	3	1
CARBONDALE SEWAGE PL	84.0	64.1	74.1	- 2.7	94	7	52	16+	9	7	0	0	0	5.47	1.93	1.61	1	.0	0		9	3	3
CARLYLE RESERVOIR	84.0M	65.7	74.9M	- 1.3	94	9+	51	13	2		0	0	0	3.39	.27	1.38	2	.0	0		4	3	2
DU QUOIN 4 SE	85.4M	64.4M	74.9M	- 1.7	95	7+	53	16+	3	11	0	0	0	2.14	- 1.32	.46	11	.0	0		7	0	0
KASKASKIA R NAV LOCK	87.4	66.4	76.9		99	7	54	13	0	11	0	0	0	3.87		1.15	1	.0	0		9	4	1
MARION 4 NNE	84.9	64.5	74.7		96	7	53	13	5	8	0	0	0	2.89	- .66	.65	11	.0	0		11	1	0
NASHVILLE 4 NE	83.7	66.1	74.9		93	8+	53	16+	6	6	0	0	0	1.93	- 1.69	.55	1	.0	0		6	1	0
SPARTA	86.7	66.4	76.6	- .7	96	8+	53	16	1	10	0	0	0	2.82	- .86	1.06	1	.0	0		6	3	1
WATERLOO	85.5	65.9	75.7		94	7	53	12	4	10	0	0	0	3.38	.34	.97	21+	.0	0		4	4	0
DIVISION			75.7	- 1.1										3.29	- .36			.0					
• • •																							
SOUTHEAST 09																							
ALBION	M	M	M								0	0	0			2.00	22	.0	0				
BROOKPORT DAM 52	87.1	65.5	76.3		96	7	53	16	0	10	0	0	0	4.37	.96	.76	21	.0	0		9	4	0
DIXON SPRINGS AGR C	86.0	65.0	75.5		94	8+	53	17+	0	7	0	0	0	5.34		1.49	11	.0	0		10	3	2
FAIRFIELD RADIO WFIW	84.5	64.4	74.5	- 1.3	95	6	51	16	3	9	0	0	0	6.29	3.09	1.81	11	.0	0		7	4	3
HARRISBURG	87.4	66.3	76.9	- .5	96	8+	52	16	1	11	0	0	0	3.74	.18	.89	1	.0	0		8	4	0
MC LEANSBORO 2 ENE	84.6	63.4	74.0	- 3.0	94	9	50	16	11	9	0	0	0	2.21	- 1.20	1.15	22	.0	0		6	1	1
MT CARMEL	84.5	66.3	75.4		96	7	55	17+	3	10	0	0	0	6.82		1.81	21	.0	0		8	5	3
MT VERNON 3 NE	87.4M	66.4M	76.9M	.4	95	20			4	14	0	0	0	6.09	2.56	1.19	21	.0	0		7	6	3
RENO LAKE DAM	84.9	65.6	75.3		95	9	55	13	2	9	0	0	0	3.85		1.07	1	.0	0		6	3	2
ROSICLARE	83.8	65.4	74.6		92	6	52	16	2	5	0	0	0	4.52	.68	.97	28	.0	0		9	3	0
DIVISION			75.5	- 1.3										4.80	1.44			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x NORTHWEST 01																																
ALEDO	4.03			.35							.60								.34	.21	1.61	.20	.57									.15
DIXON 3 W	7.71		.01	.65		.23	.06			1.32	.31			T	.03			.01	2.51	.22	.97		.21	.07	T			.35		.76		
FREEPORT WASTE WTR PLT	9.59			.35		1.62	.55		.03	1.07	.54			T	.05				1.83	.05	.80		.18	.07				.92	T	1.53		
FULTON DAM 13	9.73			.17		.05	.30			.61	.05							T	3.92	.10	1.52		1.18	.27			.05	1.04		.52		
GALENA 1 N	6.63			.33		.65			.15	.08	.17			.01				.02	1.25	.27	.54		.15		T		T	1.93		1.08		
GALVA	2.75	.01		.15						T	.37				.01				.81	.22	.38		.13	.59	.05							.03
GENESEO	10.85	T		.61		.53			.21	.05	.70			.03					4.31	.37	3.77	T	.17					.04				.06
HENNEPIN POWER PLANT	11.90			.39						.80	.10		.01		.01			.02	5.32	.27	3.23	T	.85	.90				T	T			
ILLINOIS CITY DAM 16 //	3.07	T		.25						T	.65	T			T				.08	.20	1.10	T	.49	.04				.11				.15
KEITHSBURG	3.98	.07		.31							.61								T		1.50	.02	.73	.52	T			.01				.22
KEWANEE 1 E	6.87			.10						.49	.42				.04				2.73	.76	1.74	.05	.20	.29				.03	T			.02
MOLINE WSO AP R	6.94		.65	.42					.09	.07	.50			.01	T		T	T	2.39	1.75	.74	.15	.08				.09					
MORRISON	10.48			.18		.06	.11			1.52	.20								4.60	.14	2.13		.25	.05				.93		.31		
MOUNT CARROLL	7.25			.21		.17	.03		T	.18	T				.05		T		2.06	.17	1.48		.47	.09	T		.02	1.21		1.10		.01
NEW BOSTON DAM 17	4.45			.40							.40				.05				T	.98	1.16	T	.64	.80				T	T			.02
PAW PAW	6.28			.42		.03	.64			.35	.47	.25			.07				1.75	.03	1.40	.05	.17	.05	T			.07		.53		
ROCHELLE	9.69			.35	.15	.25	.88		.25	.50	.20								1.28	.02	3.81		.80	.10	.03			.17		.90		
ROCKFORD 6 ENE	9.35	x	x	x	2.74	.04	.16		.03	.89	1.08	.05			.02			.01	1.93		.62		.23	.11	.06			.84		.54		
ROCKFORD WSO AP //R	6.74			.33	.08	.19			.49	.52	T		T	.05			T	2.03	.01	.30	.63	T	.40	T				.61	.77	.33		
STOCKTON 1 N	7.22			.19		.27			.15	.37	.17				.07				2.70	.22	.69		.38					.65		1.36		
TISKILWA 2 SE	11.26			.04						.70	.17			T	.04			T	5.72	.73	3.50		.14	.22								
WALNUT	11.86			.62					T	.76	.69			T	.03				3.75	.13	4.57		.30	.90				.11				
x x x NORTHEAST 02																																
ANTIOCH 2 NW	11.28			.52		.75	1.57			.36	.60	.05			.10			.06	4.96	.02	.26	.06		.76				.26	.04	.91		
AURORA	4.96			.50		T	.15			.52	.18	.23		T	.05			.02	1.60	.01	.65		.07	.14				.07		.77		
BARRINGTON	8.65			.17		.05	1.00			.80	2.04	.38			.04			.07	1.12		.40		.98	.71				.24		.65		
CHANNAHON DRESDEN ISL	7.58			1.00				.77		.72	.13	.45			.03				1.65		2.05		.08	.35				.08		.27		
CHICAGO O'HARE WSO AP R	7.57	T		.30	.02	.48			.51	.27	1.49		T	.08	T		T	1.22	.13	T	.49		.17	.01				.16	T	2.24		
CHICAGO UNIVERSITY //	7.90	.06	.07	.32	.08		.54		.28	.71	1.30	.32			.11			.97	1.38		.63		.04	.18	.07			.14		.70		
CHICAGO MIDWAY WSCMO //R	8.64	T		.47	.06	.61			.25	.39	1.87			.03	.04		T	2.60	.25	.09	.62		.54	.04				.11		.67		
DE KALB	8.35			.52	.07	.10	.11		.18	.30	2.57			.03	.03			.12	1.29	.03	.72		.51	.39	.10			.24		1.03		
ELGIN	8.82			.24		.19	1.00			2.05	1.02	65			.04			.20	1.65		.59		.22	.11	.04			.22		.60		
GEBHARD WOODS ST PARK	5.63	T	T	.94			.06			.57	.16	.38			.03				1.60	.14	.79		.06	.45				.12		.33		
JOLIET BRANDON RD DAM	6.02		T	.57		.22	.85		T	.98	.12	.10			.04			.04	1.29	.05	.93	.01	.21	.13	.03			.29		.16		
MARENGO	8.27			.36	.22				.10	.77	2.00			T				.60	1.10	T	.57		.85	.40	.07			.58		.65		
MARSEILLES LOCK	8.68	.10	T	1.08						.64	.16	.38			.03			.04	1.86	.38	3.50		.01	.05	.07			.32		.06		
MC HENRY LOCK AND DAM	7.44			.43		.05	1.19		.06	1.16	.91	.19		T	.05			.08	1.09	T	.40	T	.87	.02				.40		.54		
MORRIS	6.79		T	.85						.61	1.40	.45			.02				1.40	.04	.91		.02	.45				.20		.34		
OTTAWA	8.86	.04		.75			.04			.37	.40	.28			.04				2.45	.40	3.24		.30	.09	.23			.05		.18		
PARK FOREST	7.60		.23	.45			1.05			1.67	.02	.48			.05			.12	1.81		.85	T	T	.30	T			.12	T	.45		
PEOTONE	9.24		.54	.44			1.43		.81		.10	.37							1.63	T	2.50			.91				.22		.29		
PERU 2 W	12.41	.33	T	.24			.81			.74	.48			T					3.71	1.00	4.50	T	.57	T						.03		
STREATOR 2 ENE	9.67	.02	.01	.04			.04			.20	.28	.15			.05			.18	2.37	2.11	4.00		.05	.09				.08		T		
UTICA STARVED ROCK DAM	9.80	.21	T	.56			.47			.31	.28	.40			.03			.05	2.24	.44	4.10		.47	.04	.03			.07		.10		
WAUKEGAN	8.39			.51	.05	1.63	1.66	T		.51	.38	.03		.04	.10			.16	2.20	.01	.34	.05		.57	.01			.22	.25	.67		
WHEATON 3 SE	10.03			.60	.78	1.25	.68			.08	.76				.06			.18	2.08		1.41		.49					.31		1.35		
x x x WEST 03																																
AVON 5 NE	2.01			.22							.22								.15	.08			.86	.16							.15	.07
BENTLEY 1 E	2.28			.48							.18				.08	T			.02	.72	T		.22	.52						.07		T
CANTON 1 ESE	.96	T		.06							.25									.07	.11		.44					.03				
GALESBURG	3.79	T		.20	T						.46								.11	.76	.54	.85	.21	.31				.02		T		.33
GLADSTONE DAM 18	3.82			1.01							.50					T			.32	.38	T		.03	1.58								T
GOLDEN 1 NW	1.76			.23							.61				.19						.03	T	.17	.33						.20		
LA HARPE	4.22			1.08							.82								.03	1.52	T		.44	.30						.03		T
MACOMB	2.28			.38	.07						.35	T							.87	.01		.46	.14							.01		
MONMOUTH	2.27			.29							.40								.14	.21	.27		.94					.02				
MOUNT STERLING	2.79			.02							.25				.17								.69	.64						.85		.07
PAYSON	2.37	.18		.01	.01						.31	T			.10	.25	T				T	.10	.24	.68						.49		
QUINCY FAA AP	1.94	T	.01	.16							.08	T			.18						T	.03	.39	.03			T			.64		.42
QUINCY DAM 21 //	2.29	.07									.13	T				.30					.01		.23	.83				T		.70	.02	
QUINCY MEMORIAL BRIDGE	1.77	.04		.21							T	T			T	.23	T				.02	.07	.44	.75							.01	T
RUSHVILLE	1.81			.03							.10				.05	T				.01	.04		.82	.32				.03		.14		.27
x x x CENTRAL 04																																
BLOOMINGTON WATERWORKS	2.13	.20	.37									.08							.12	.11		.22	.29	.66				.08				
CHENOA	5.12	.26								.05									2.90	.25	1.32		.09	.25					T			
CHILLICOTHE	2.06						T				.10								.35	.22	.20	.18	.16	.83				.02				
CLINTON 1 SSW	2.33	1.12									.29								.59	T	.05	T	.11	.03			.12	T	.01	.01		
DECATUR	4.54	2.12	.86									.19				.04				.73		.18	T	.14					T	.16	.02	
FARMER CITY	3.98	.75	.83																	.86		.23	.20	.86	.25							
HAVANA 4 NNE	.66	.04	T	T							.14					T				.23		T	.09	.13						.03		
LACON 2 E	3.70									.07	.18			T	T				1.85	.21	.61	.06	.41	.26				.05	T			
LINCOLN	1.24	.33	.54									.01								.16		.10	.09	.01					T	T		
MACKINAW	1.39	.19									.21								.09	.07	.11	.17	.18	.37								
MASON CITY 1 NW	1.83	.46		.01							.05				T					.50	.05	.09	.28	.38				T		.01		
MINONK	5.90		T									.30							.80	1.60	.40	T	.50	1.80			.50					
MOUNT PULASKI	1.56	.95													T					.16	.35	T	T							.10		
NORMAL	2.06	.55									.03	.17			T		T		.45	.05	.04	.07	.25	.44				.01		T		
PEORIA WSO AP //R	.87	T		T		T					.25				T				.37		.12	.08	.03	T			.02	T		T		
PETERSBURG 3 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCEVILLE	2.14										.35								.21	.48	.55	.10		.45								
x x x EAST 05																																
DANVILLE	9.84	1.37					.01			T		.03							.66	4.24	1.11	1.43	.03	.02	.68				.26			
DANVILLE SEWAGE PLANT	9.33	1.12	T			.02					.01							T	4.48	.58	1.48		.02	1.44	T	T			.18	T		T
GIBSON CITY 1 E	4.84	.44	.55				T												.39	.62	T	.44	.04	1.45	.58			.33				
HOOPESTON 1 NE	5.30	.34	.87	T			.26					.20						T	.69	.68	1.23	.02	.36	.26	.15			.06		.18		
KANKAKEE WTR POLL CTR	7.33	.02	.30	.50			1.36			.11		.40			T			.10	1.71	.27	2.01	T	.02	.23				.07		.23		
MONTICELLO 2	3.56	.53	1.40											.02					.72		.44	.02		.39				.03		.01		
PIPER CITY 3 SE	5.00	.16	.23	T			.05			.07		.18						.02	1.26	1.03	.99			.94	.04			.03		T		
PONTIAC	6.06	T	.25				T			.17	.02	.84			T			T	.86	1.30	1.65	T	.06	.91								
RANTOUL	5.48	.36	1.58									.34				.02		.06		.90	.05	.69	.30	1.10	.07			.01	T			
SIDELL	5.74	.74	.83									.05							T	2.25	.32	.41			.13					1.01		
URBANA	5.10	.78	.69				T					T						T		.36	.80	.83	.60	.24	.80			T		T		
WATSEKA 2 NW	7.35	.15	.33	.10			.89			.27		.26							1.75	.80	1.33	T	.10	.80	.54	T	T	.03	T			
x x x WEST SOUTHWEST 06																																
ALTON DAM 26	2.02	.43	.04													.23						.32	.44	.35					T	.21	T	
BEARDSTOWN	3.24	T									.10					.10				.27	.66	.67	.44	.75				.05		.20		
BLUFFS	1.85	.28								.13		.11			.03						.45		.26	.23						.36		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	4.93	1.70									T				.06						1.54	.26	.60	.28					.02	.47		
EDWARDSVILLE 1 NE	4.77	.15	1.17													.09						3.00	.15		.11					.10		
GRAFTON	4.98	2.04	.05													.19						1.60	.38	.13						.59		
GREENVILLE 1 E	2.00	.17	.42									.47				.14						.36						.02		.42		
GRIGGSVILLE	3.34	.22	.02								.69	.06				.11					.10	1.10	.10	.51						.43		
HILLSBORO	2.80	1.20										T								.03	.06	.41	.80	T						.10		
JACKSONVILLE 2 E	1.74	.43	.24													.02				.06		.23	.39	.06					.04	.25	.02	
JERSEYVILLE 2 SW	4.03	1.69	.02													.12						1.01	.20	.21					.01	.77		
KINCAID	3.82	.53	1.74																	.06		1.06		.05					T	.30	.08	
MEDORA	3.79	1.62	.02								T				.10						.45	.17	.69	.12	.01				.60	.01		
MOUNT OLIVE 1 E	3.15	.25	1.08																			.38	.12	1.20						.12		
PANA	2.22	.35	1.02									.32				T				T		.28	.01	.10					T	.12	.02	
SPRINGFIELD WSO AP R	2.85	1.47									.01				.04				.06		.94	.09	.01						.04	.19		
VIRDEN 1 N	3.56	1.73	.24													.04				.48	T	.43	.04	.12					T	.48		
VIRGINIA	3.74	.55		.01							.06				.11					.70	.86		.79	.53						.13		
WHITE HALL 1 E	2.63	1.02													.15						.32	.13	.22	.23					.03	.53	T	
* * * EAST SOUTHEAST 07																																
CHARLESTON	3.04	.72	.32									.03								.17		.27		.23		.12	T	T		1.18	T	
CLAY CITY 6 SSE	6.83	1.20	.05									2.41	.15									1.23	.04		.63		.04	.26		.82		
DIONA 3 SW	4.79	1.11										.68										.40		.67	.34					1.59		
EFFINGHAM 3 W	1.96	.58	.08									1.05				T						.02	T	.16	.05			T	T	.02		
FLORA 5 NW	4.88	.49									.10	1.04			.03	T						1.45		.48	.62		.55		.12			
GREENUP	4.02	.25	.65									.85										.61		1.00	.03					.63	T	
HUTSONVILLE POWER PL	4.79	.75	.47	T								1.10	T							.45		.63	.07		.62		.03	.23		.44	T	
LAWRENCEVILLE	2.70	.36	.09									1.12	.08												.49		.32	.05	.02	.17		
MATTOON	1.80	1.04	T								.10				T						.48		T						.12	.06		
MOWEAQUA	2.56	1.46	T								T	.02			.02					.16	.36	.32		.05						.17		
NEWTON 6 SSE	2.66	.57	.18									.91	.03			.05						.14	.05		.22		.03	.12		.36		
OLNEY 2 S	4.87	1.58									.14	.60			.03							1.04		.36				.53	.59			
PALESTINE	3.83	.84						.01			.60	.30			T							.60		1.02			.36	T	.10			
PARIS WATERWORKS	5.63	1.32					T				.29	.20			T			T	T	2.62	.85	.05	T	.04			.02		.24			
SAINTE MARIE	3.59	.77	.30									1.78	.06			T						.12	.07		.13		.03	.18	T	.15		
SALEM	5.78	.88	T								.17	1.98			.06	.01						1.11		.57	.84		.15	T	T	.01		
TUSCOLA	5.85	1.12									.15	.06			T				.05	1.55		.15		.95					1.82			
VANDALIA 3 SW	3.02	1.00	.74									.71				.15						.10	T		.12				T	.20	T	
WINDSOR	1.51	.91									.03	.22			T						.18	.02		.03			T		.10	.02		
* * * SOUTHWEST 08																																
ANNA 1 E	3.56	.18								.05		1.23				.50						.05						.61	.10	.02	.82	
BELLEVILLE SO ILL UNIV	3.64	.72									T	.34				.16					.86	.35	.75	T				.08	.05	.33		
CAHOKIA	1.66	.60	.12			.10						.19				.15						T	.03		.09				.03	.19		.16
CAIRO WSO CI R	4.78	.28									.03	.15				.24								2.37			.24		.75	.09	.63	
CARBONDALE SEWAGE PL	5.47	1.61	.09								T	1.00	.27			.44	.39						1.04		.19		.02		T	.14	.28	
CARLYLE RESERVOIR	3.39	.50	1.38									1.23				.02						.18	.03		.02				.01	.02		
CENTRALIA	2.07	.53	.09									.84	.03			T						.20	.03	.02	.13		.14			.06		
CHESTER	3.17	.90	.15									.55	.10			.80	.30					T		.10	.05			.12	.05	.05		
DU QUOIN 4 SE	2.14										.31	.46				.26								.41			.06	.10	.29	.25		
GRAND TOWER 2 N	4.71	.93	.06									1.35	.46			.25	.45					.02	.12						.04	.18	.85	
KASKASKIA R NAV LOCK	3.87	1.15										.85	.20			.20	.57							.10	.58				.12	.10		
MARION 4 NNE	2.89	.49	.03									.65	.36			.26	.18					.16	.13		.26		.03		T	.11	.12	.11
NASHVILLE 4 NE	1.93	.55	.24									.48	.05			.12									.26		.18		.05	T		
PRAIRIE DU ROCHER 1WSW	6.67	1.36	.05									1.35	.12			.69	.10							2.70					.21	T		.09
RED BUD 5 SE	4.11	.94	.62									1.16				.66	.04				T	T		.16	.20				.17	T		.16
SPARTA	2.82	1.06	.15								.04	.79				.56								.11					.10	.01		
WATERLOO	3.38	.97	.04									.50				.67						.97	.01	.08					.09	.05		
* * * SOUTHEAST 09																																
ALBION	-	-										-										.45	2.00		.40			13		.05		
BENTON FOREST SERVICE	3.01	1.78	.06													.13													.24	.80		
BROOKPORT DAM 52	4.37	.62	.15									.51	.69			.02	.33					.76		.04	.10	T	.09	.08	.07	.46		.45
CARMI 6 NW	5.08	1.13	.22									.23	1.01	.06								T	1.61		.30		.13	.07	.23	.09		
DIXON SPRINGS AGR C	5.34	.26										1.49	.02			.86						.48	.20		.20	.31	.17		1.13		.22	T
FAIRFIELD RADIO WF1W	6.28	1.53									.04	1.81	T			.02						.28	1.20		.91		.18		.32			
GOLCONDA DAM 51	6.98	.08	.10									.08	.90			.10	.58					T		T	.86	.08	.12	.13	.73	1.47		1.75
HARRISBURG	3.74	.89									.25	.60				.15						.85			.60	.02	.17		.21	T		
HARRISBURG DISPOSAL PL	2.83	.64	.04									.71	.10			.09	.03					.06	.48		.25		.13	.04		.25	T	
MC LEANSBORO 2 ENE	2.21	.17	.07									.23	.15			.19							1.15	.02	.05			.10		.08		
MT CARMEL	6.82	.12	.38									1.17	.92	T		T						1.81	.22	T	.63		T	1.45	.03	.09		
MT VERNON 3 NE	6.09	.92										1.05				.21						1.19		1.18	.06		.92	.06			.50	
REND LAKE DAM	3.85	1.07	T									.85	.30			.06									1.02			T	.27	.25	.03	
ROSICLARE	4.52	.34										.71				.42						.65			.49	.38	.32		.97		.24	
SHAWNEETOWN NEW TOWN	7.44	1.06	.16									1.08	.20			.10	.02					.54	3.48	T	.05		.11	.10	.09	.39	.06	
WAYNE CITY 1 N	4.22	.72										1.15	.16									.15	.31		.91					.82		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
NORTHWEST 01																																	
ALEDO	MAX	80	84	87	90	94	94	95	92	92	88	74	76	79	74	71	76	89	89	86	86	83	85	78	77	84	80	78	83	86	87	88	84.0
	MIN	59	61	64	70	71	71	72	74	70	68	55	48	58	58	47	56	61	68	66	65	68	63	63	53	59	60	64	63	68	65	69	63.1
DIXON 3 W	MAX	82	69	79	90	85	88	84	90	87	87	82	69	72	70	65	67	70	82	81	78	76	77	80	74	71	78	76	73	76	80	83	78.1
	MIN	61	61	56	65	66	64	64	69	65	66	52	47	59	54	46	48	54	61	66	63	63	65	62	51	52	58	63	58	57	59	61	59.2
FREEPORT WASTE WTR PLT	MAX	81	72	84	87	88	86	86	92	86	90	82	72	75	70	69	69	70	83	81	78	80	78	83	79	74	79	79	77	80	84	89	80.1
	MIN	61	56	62	64	64	63	65	67	66	65	52	48	55	53	45	45	53	59	65	65	64	64	63	53	54	62	63	59	58	60	65	59.3
FULTON DAM 13	MAX	83	75	82	86	88	92	88	92	87	89	80	72	75	73	66	69	74	84	79	81	78	79	80	77	74	81	80	76	80	83	87	80.3
	MIN	65	64	64	68	70	68	68	74	69	67	59	52	53	52	50	50	53	65	69	66	65	65	65	56	56	56	62	63	62	65	65	62.1
GALVA	MAX	85	74	84	87	90	95	95	95	92	92	81	74	77	80	67	71	76	89	86	85	85	83	85	78	76	82	79	78	82	84	87	83.0
	MIN	64	59	60	65	69	70	70	73	70	67	54	48	50	57	47	48	54	64	66	65	65	64	64	53	55	61	61	62	62	65	65	61.2
GENESEO	MAX	73	85	88	90	96	95	95	89	92	82	72	77	79	67	70	77	90	87	86	81	82	86	79	77	84	78	80	83	85	88	90	83.3
	MIN	64	61	68	71	73	69	73	75	71	64	56	49	61	54	47	54	63	67	68	66	65	65	60	54	61	61	65	62	68	66	68	63.5
HENNEPIN POWER PLANT	MAX		70	83	91	95	90	96	90	91	83	82	75	80	66	72	76	70	88	85	85	83	82	81	81	77	83	79	78	80	82	86	82.0
	MIN	63	55	64	66	69	69	71	73	67	68	56	45	55	60	45	46	56	65	65	65	60	65	63	59	57	58	64	61	64	60	65	61.3
KEWANEE 1 E	MAX	84	72	83	87	88	92	94	95	90	91	83	71	74	80	66	70	74	85	85	84	83	81	84	79	76	82	77	78	81	85	87	82.0
	MIN	62	58	65	67	70	67	69	75	69	67	54	45	54	58	46	52	55	65	64	64	66	63	64	54	57	58	62	60	62	62	67	61.3
MOLINE WSO AP	MAX	75	83	86	89	93	93	94	90	91	80	73	75	77	66	69	75	89	85	85	82	81	84	78	75	82	78	77	82	84	87	89	82.2
	MIN	62	59	65	70	70	69	69	68	70	63	52	47	61	48	47	55	63	68	68	65	65	63	56	52	59	59	64	63	64	61	67	61.7
MORRISON	MAX	85	74	82	85	88	92	89	93	90	89	82	73	74	74	69	71	73	86	84	82	79	80	83	78	74	83	79	77	79	84	87	81.2
	MIN	63	55	55	56	56	56	56	57	68	68	55	47	48	52	47	47	54	64	67	64	64	64	63	51	51	52	63	61	62	59	61	57.6
MOUNT CARROLL	MAX		74	82	86	88	92	87	92	87	89	81	72	74	70	67	69	71	84	82	79	80	77	83	79	75	80	78	76	78	83	87	80.1
	MIN		54	61	65	65	63	66	69	66	68	51	42	47	54	40	45	53	61	65	63	62	62	61	50	51	60	63	59	60	56	63	58.2
PAW PAW	MAX	83	68	81	84	87	85	89	92	86	88	82	70	72	72	68	67	71	80	81	80	76	77	81	77	73	80	76	77	77	83	85	79.0
	MIN	61	55	56	63	68	65	65	70	65	65	53	46	55	58	48	47	50	58	66	65	64	65	67	53	52	56	56	59	59	64	63	59.3
ROCHELLE	MAX	82	70	82	85	87	85	85	94	87	89	82	71	73	72	68	69	70	80	80	78	77	79	82	77	74	80	78	78	78	83	82	79.3
	MIN	60	54	54	55		63	64	65	63	64	52	43	43	52	44	44	52	52	65	62	61	63	60	48	49	52	58	56	56	58	58	55.7
ROCKFORD WSO AP	MAX	71	82	85	86	86	85	92	84	88	81	73	74	72	68	68	71	80	77	79	80	77	82	77	73	78	78	75	77	81	86	85	79.1
	MIN	62	57	63	68	68	66	72	66	67	62	55	47	62	52	46	46	61	68	69	65	66	67	57	52	53	61	61	58	63	60	65	60.8
STOCKTON 1 N	MAX		73	82	85	86	88	85	90	84	87	80	72	72	69	67	67	71	82	80	78	79	77	81	78	72	76	78	75	78	82	85	78.6
	MIN	58	56	61	65	65	61	65	65	65	66	50	44	47	51	39	43	53	58	63	64	63	63	61	50	52	60	63	58	61	60	63	57.8
TISKILWA 2 SE	MAX	75	85	87	90	93	92	95	91	90	86	77	77	79	69	72	75	86	85	85	84	85	86	79	76	82		78	80	84	88	86	83.2
	MIN	62	56	64	64	68	68	70	73	67	67	53	45	56	59	44	50	57	65	65	64	65	65	65	53	56		58	61	67	63	66	61.2
WALNUT	MAX	80	84	86	89	93	91	95	94	93	88	80	74	76	76	70	76	85	86	83	80	81	84	80	78	82	77	78	79	85	86	86	83.1
	MIN	62	57	64	64	69	67	72	85	66	67	53	48	60	57	45	52	57	64	70	65	65	66	64	53	59	60	65	65	66	64	67	62.5
• • •																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	80	70	82	84	84	74	78	92	82	86	81	70	74	67	67	69	69	72	75	76	79	76	81	79	73	77	78	72	75	82	83	77.0
	MIN	61	58	57	63	65	61	63	71	63	63	50	47	47	52	44	42		59	64	64	64	63	64	56	55	57	60	57	57	63	63	58.4
AURORA	MAX	69	83	85	86	85	85	93	88	90	84	70	74	75	70	69	72	79	80	79	79	78	83	82	74	78	78	79	78	80	88	84	79.9
	MIN	62	59	63	68	68	66	73	70	64	62	53	49	60	53	47	45	57	65	66	65	65	66	64	54	55	59	61	58	59	60	64	60.6
BARRINGTON	MAX	82	68	83	85	85	77	82	92	85	87	80	70	74	70	69	69	70	75	77	76	79	78	83	80	74	79	76	78	77	83	87	78.4
	MIN	62	57	62	65	68	64	67	68	63	65	53	47	54	54	47	42	50	58	65	65	63	65	65	55	56	61	63	59	60	60	62	59.5
CHICAGO O'HARE WSO AP	MAX	70	82	84	87	80	82	93	88	91	84	71	75	73	70	69	72	76	78	82	81	82	86	82	74	80	80	80	79	84	88	86	80.3
	MIN	60	59	65	68	69	68	75	70	68	63	54	50	64	53	48	45	61	68	68	67	68	69	65	56	52	58	60	58	59	61	62	61.6
CHICAGO UNIVERSITY	MAX	79	79	83	86	84	78	92	95	85	89	77	76	76	74	71	72	72	79	78	78	78	80	84	83	75	77	78	80	82	84	86	80.3
	MIN	67	64	64	71	71	68	72	70	65	70	61	57	65	59	59	55	59	63	67	68	67	69	67	60	59	63	63	63	65	66	66	64.6
CHICAGO MIDWAY WSCMO	MAX	71	81	84	86	84	81	92	88	88	81	70	73	73	67	67	70	75	79	79	78	78	82	81	72	78	78	78	77	82	86	84	78.8
	MIN	67	64	66	70	69	70	75	71	66	65	57	51	62	59	56	52	60	68	68	69	68	70	68	59	60	63	64	63	66	65	67	64.5
DE KALB	MAX	82	81	83	84	85	85	92	92	89	89	81	72	72	70	68	69	73	79	80	77	77	81	79	77	79	80	76	79	83	87	87	80.3
	MIN	62	59	64	69	70	66	73	69	66	70	53	50	61	57	45	45	60	60	67	66	63	68	65	55	56	61	63	60	63	62	66	61.7
ELGIN	MAX	82	68	80	83	85	85	82	90	85	87	80	69	73	70	67	68	70	76	75	77	78	78	83	78	72	79	78	77	78	81	85	78.0
	MIN	61	58	58	63	65	65	66	67	62	57	53	49	52	55	49	45	49	55	65	65	64	64	63	53	54	55	59	58	58	63	61	58.4
GEBHARD WOODS ST PARK	MAX	85	80	84	87	88	89	88	93	92	90	84	74	77	76	71	72	75	80	83	84	81	81	86	84	76	82	79	80	80	80	88	82.2
	MIN	63	59	62	65	67	67	70	74	65	66	54	45	56	58	46	44	47	59	65	65	65	66	64	55	56	59	61	61	63	62	64	60.4
JOLIET BRANDON RD DAM	MAX	87	72	83	86	87	88	85	93	90	89	85	72	75	76	73	71	74	79	81	81	80	79	83	81	75	81	78	79	80	84	87	81.1
	MIN	65	62	63	65	67	68	69	75	63	66	59	52	53	57	49	48	53	59	66	65	65	66	65	54	51	61	60	62	63	63	63	61.2
MARENGO	MAX	78	85	86	87	85	85	93	89	89	84	70	76	73	70	70	70	74	77	79	80	81	85	78	76	79	80	75	80	83	88	85	80.3
	MIN	60	57	62	67	65	64	70	76	66	65	52	45	60	51	46	42	58	65	66	65	62	65	65	52	54	57	61	56	61	62	60	59.9
OTTAWA	MAX	85	85	88	90		93	97	94	93	90	77	79	79	78	73	77		86	85	83	85	87	83	79	84	80	82		86	90	88	84.9
	MIN	64	59	66	69		71	75	75	67	70	57	49	61	61	48	50		57	69	66	67	68	65	55	57	60	62		62	63	67	62.9
PARK FOREST	MAX		71	81	84	86	86		91		89	83	69	70	75	69	68	73	75	78	81	78	80	83	83	74	78	79	78	80	83	86	79.0
	MIN		62	62	69	69	65			63	61	59	56	58	53	47	45	56	56	66	65	66	66	64	56	57	59	62	61	63	62	63	60.4
PERU 2 W	MAX	85	84	88	88	93	92	93	95	93	88	80	78	78	76	71	82	84	86	85	35	88	85	83	80	84	82	76	80	85	87	86	84.5
	MIN	62	56	64	68	68	68	67	69	66	68	58	46	60	59	46	49	61	65	65	65	65	66	66	54	59	60	57	61	68	62	65	61.7
WAUKEGAN	MAX	80	67	81	85	84	77	75	92	84	89	79	68	73	69	69	66	69	67	76	73	78	74	77	80	73	77	76	77	72	83	82	76.5
	MIN	62	59	59	62	61	61	65	73	63	64	57	49	50	53	48	43	57	58	63	63	64	64	65	56	55	55	61	58	58	63	64	59.1
WHEATON 3 SE	MAX	76	82	85	85	85	87	93	91	89	88	73	77	76	70	70	73	70	78	80	80	80	84	82	78	81	80	79	78	83	88	86	80.9
	MIN	64	60	64	65	70	67	71	70	65	68	55	48	60	58	46	43	58	65	65	67	67	68	65	55	54	58	62	58	64	59	60	61.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •																																	
WEST 03																																	
GALESBURG	MAX	74	83	85	89	92	93	93	92	90	82	72	75	80	67	70	75	89	88	86	85	82	85	79	78	82	78	76	82	84	85	87	82.5
	MIN	62	60	64	69	70	72	62	72	70	65	45	47	58	51	48	58	64	68	67	66	68	65	60	54	60	60	65	64	60	63	72	62.2
GOLDEN 1 NW	MAX	80	83	87	89	92	95	93	93	91	89	75	76	87	82	70	77	90	92	92	88	87	85	78	78	86	80	78	85	85	86	86	85.0
	MIN	68	60	63	69	70	72	69	70	71	67	59	48	57	56	50	55	60	73	67	70	65	62	63	55	64	60	65	61	65	61	69	63.4
LA HARPE	MAX	80	86	88	89	94	95	95	93	91	85	74	76	84	76	70	77	90	92	91	86	86	86	80	80	84	80	77	84	85	86	88	84.8
	MIN	66	60	63	68	70	72	70	70	71	68	56	49	56	59	51	57	60	72	69	65	66	63	62	54	57	57	66	62	67	62	70	63.2
MONMOUTH	MAX	79	85	88	90	95	95	95	94	92	87	72	77	82	75	71	76	90	90	87	85	85	86	80	79	85	79	76	84	86	87	88	84.5
	MIN	64	59	62	68	68	74	70	71	70	66	55	45	56	58	45	54	58	69	61	64	65	62	61	51	57	57	63	60	66	63	67	61.6
QUINCY FAA AP	MAX	79	85	88	91	96	94	95	93	93	80	74	77	85	65	70	77	92	96	92	86	89	86	81	80	82	80	80	85	84	86	85	84.7
	MIN	65	63	65	71	73	75	72	74	74	67	54	48	60	55	53	56	63	75	70	70	67	65	62	59	61	60	66	63	68	64	71	64.8
QUINCY DAM 21	MAX	80	80	92	92	92	96	96	97	93	80	85	80	78	86	66	70	77	92	95	95	88	89	80	80	81	83	80	79	85	84	85	85.0
	MIN	69	61	61	61	69	71	70	71	71	62	53	52	49	55	55	54	55	59	69	67	65	62	60	59	57	58	61	63	63	64	64	61.6
RUSHVILLE	MAX	78	85	88	89	94	96	96	95	92	91	83	77	85	84	70	76	91	95	98	88	86	86	81	80	84	81	81	85	83	87	85	86.1
	MIN	66	59	66	68	74	72	68	70	72	69	59	50	56	60	47	54	59	74	68	68	64	63	61	52	58	58	54	61	66	68	71	63.1
• • •																																	
CENTRAL 04																																	
CHENOA	MAX	75	81	86	88	92	89	91	89	90	84	75	74	80	75	69	74	83	85	84	84	84	84	82	84	80	77	81	80	82	84	85	82.3
	MIN	63	67	65	66	67	70	70	70	66	68	57	45	56	59	43	49	54	65	69	70	66	65	63	54	54	53	61	62	65	64	63	61.6
DECATUR	MAX	76	84	87	88	93	93	91	93	92	85	75	79	81	79	73	79	86	91	92	91	84	89	84	79	83	82	83	85	84	88	90	85.1
	MIN	65	59	66	67	70	68	69	71	74	72	61	50	53	58	47	54	55	70	60	68	65	63	63	55	55	57	64	63	61	58	65	62.1
FARMER CITY	MAX	78	80	86	87	90	92	92	93	91	82	79	75	81	70	70	74					78	85	88	77	80	76	83	81	85	86	85	82.4
	MIN	63	57	65	67	69	72	71	72	70	72	60	51	53	56	45	52					67	68	65	54	58	59	64	65	68	62	65	62.6
HAVANA 4 NNE	MAX	84	77	85	88	90	95	96	96	94	93	85	75	79	86	69	74	78	90	95	90	86	86	87	83	81	85	82	85	87	85	90	85.7
	MIN	65	58	62	66	68	73	71	72	72	69	61	47	55	58	47	53	55	65	67	66	64	63	63	52	54	57	62	62	65	60	64	61.8
LACON 2 E	MAX	85	84	89	90	94	94	95	93	93	89	81	78	81	79	73	77	89	88	87	87	83	88	86	79	84	79	80	83	85	89	87	85.5
	MIN	65	58	66	69	70	69	73	74	67	68	56	48	48	59	47	52	60	66	65	65	66	66	64	54	57	59	65	62	69	64	67	62.5
LINCOLN	MAX	75	81	85	86	90	93	92	91	90	86	75	75	80	80	70	75	85	91	91	87	81	85	83	80	81	78	81	82	84	85	85	83.3
	MIN	67	59	67	67	69	74	72	75	75	71	60	52	55	63	49	55	57	73	67	68	65	66	64	56	58	60	65	64	69	62	66	64.2
MASON CITY 1 NW	MAX	76	82	85	86	90	93	92	92	89	83	79	75	81	79	70	75	92	91	90	86	82	86	80	78	82	78	82	83	82	85	85	83.5
	MIN	64	58	67	69	70	74	70	73	73	69	60	49	55	62	47	54	59	72	68	67	64	64	64	55	56	58	65	64	68	60	67	63.4
MINONK	MAX	85	76	82	90	93	93	94	97	94	92		76	73		73	74	74			88	83	85	84	84	85	74	81	79	83	86	91	84.0
	MIN	64	60	60	60	70	69	70	71	70	71	62	52	51	46	48	50						65	66	58	60	54	60	62	63	62	65	61.1
NORMAL	MAX	82	81	86	88	92	92	92	92	92	90	81	75	81	79	70	74	84	85	69	86	85	85	84	81	81	81	80	83	84	88	87	84.2
	MIN	64	58	67	70	71	74	72	74	70	72	59	50	58	61	47	54	62	67	68	67	67	67	65	55	56	60	65	64	70	64	70	64.1
PEORIA WSO AP	MAX	74	82	86	88	92	93	94	91	91	83	73	75	82	65	70	75	88	88	88	86	82	85	82	78	83	80	81	83	83	86	88	83.1
	MIN	60	56	67	68	69	76	70	72	70	63	53	47	56	52	45	56	61	68	66	66	67	63	60	53	56	57	66	62	65	60	68	61.9
PRINCEVILLE	MAX	74	83	86	89	92	92	92	92	90	86	78	76	80	75	70	76	87	86	86	85	82	83	79	74	80	80	77	82	82	86		82.7
	MIN	61	54	62	64	65	68	67	69	66	64	51	41	52		39	51	54	63	61	62	64	60	60	49	53	53	62	58	64	59		58.5
• • •																																	
EAST 05																																	
DANVILLE	MAX	78	81	86	87	92	91	92	93	91		81	76	81	78	71	76	79	84	89	88	80	85	85	79	79	73	82	81	84	86	91	83.3
	MIN	63	63	62	65	67	69	70	72	71	76	59	54	52	63	46	52	54	67	66	65	66	69	67	58	57	59	64	64	66	61	61	62.8
HOOPESTON 1 NE	MAX	76	80	85	87	92	87	91	91	91	84	76	75	79	73	69	74	78	83	87	85	79	83	84	74	79	75	80	76	83	87	85	81.5
	MIN	63	62	64	67	68	67	73	74	68	74	58	51	55	61	45	50	54	66	66	65	67	68	65	57	58	59	62	63	65	65	62	62.6
KANKAKEE WTR POLL CTR	MAX	85	73	81	86	91	89	88	91	89	90	84	78	75	78	68	69	74	80	83	82	81	79	85	84	83	87	80	81	80	83	89	82.1
	MIN	65	62	64	66	68	64	67	74	65	63	58	59	51	58	49	47	48	59	69	67	66	68	69	55	58	63	57	60	63	62	63	61.5
PIPER CITY 3 SE	MAX	80	82	86	88	91	90	91	91	91	87	72	75	81	77	70	75	81	83	86	85	81	85	84	75	80	78	82	80	85	88	85	82.7
	MIN	64	61	64	67	68	66	72	74	67	69	59	46	53	59	42	46	53	65	64	65	67	67	65	54	56	56	60	62	66	65	61	61.4
PONTIAC	MAX	79	81	85	87	90	88	94	92	91	89	71	74	79	77	68	74	78	83	84	84	81	84	83	79	80	78	80	79	82	86	85	82.1
	MIN	65	61	66	68	68	68	72	74	67	70	59	50	56	60	47	51	51	65	66	65	68	67	65	55	57	59	63	63	68	63	64	62.6
RANTOUL	MAX	80	72	80	85	88	92	94	92	91	92	92	73	74	80	70	68	74	85	93	88	88	80	84	84	76	79	75	80	80	83	84	82.5
	MIN	63	60	61	66	68	72	76	68	69	69	59	52	54	58	47	46	48	58	58	66	65	66	64	61	61	61	61	65	69	66	66	62.0
URBANA	MAX	71	80	84	86	90	92	90	90	90	81	73	74	78	69	69	74	81	86	88	87	78	83	82	78	78	74	80	80	82	85	86	81.3
	MIN	62	60	64	66	69	74	73	73	72	67	57	54	57	53	48	53	55	67	67	67	66	67	66	59	59	61	64	65	70	67	65	63.5
WATSEKA 2 NW	MAX	83	73	79	85	86	89	88	89	89	88	81	72	74	79	70	69	72	78	82	84	83	78	82	82	74	78	76	79	78	81	86	80.2
	MIN	63	61	63	65	65	65	69	72	66	67	60	48	49	56	45	46	48	56	64	62	62	68	65	57	54	54	59	62	63	61	60	59.8
• • •																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	80	79	85	90	90	95	92	94	96	93	88	76	77	84	75	72	76	89	91	94	92	88	89	83	80	81	81	87	86	84	80	85.4
	MIN	68	67	67	71	72	77	76	75	77	77	64	56	60	64	57	55	59	65	73	75	68	66	68	63	62	64	65	68	67	67	71	67.2
CARLINVILLE	MAX	76	86	88	90	95	95	94	94	93	90	80	77	85	79	71	76	88	94	92	93	85	89	85	81	81	80	85	86	85	86	86	86.0
	MIN	67	63	66	67	70	72	70	72	72	74	62	49	55	60	55	51	59	71	69	69	66	63	64	57	56	59	65	65	65	61	69	64.0
GRIGGSVILLE	MAX	75	84	85	90	93	98	100	97	92	80	72	75	83	75	68	75	88	93	91	89	85	87	81	78	82	79	81	83	81	83	82	84.0
	MIN	66	63	65	70	72	75	73	74	73	71	58	49	58	59	53	56	60	73	70	66	66	64	65	57	59	61	66	64	66	67	69	64.8
HILLSBORO	MAX	79	91	90	91	97	98	98	99	98	95	84	80	85	75	75	77	88	95	92	90	88	91	85	87	81	88	89	88	88	88	83	88.2
	MIN	65	57	65	61	65	68	66	67	69	65	59	46	50	56	50	48	53	63	66	68	61	58	57	54	53	55	58	59	59	55	60	59.2
JACKSONVILLE 2 E	MAX	78	75	84	86	87	91	94	93	92	90	82	73	74	82	64	69	74	89	96	90	88	84	85	83	80	81	79	83	83	83	86	83.2
	MIN	68	58	58	67	68	70	71	70	73	73	61	47	48	57	51	52	56	59	67	67	63	63	63	54	55	56	60	62	63	59	60	61.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
AUGUST 1979

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	78	77	84	90	88	92	94	94	93	90	85	82	76	82	71	70	76	87	92	91	93	87	89	85	81	81	80	85	85	85	83	84.7
	MIN	66	60	64	65	65	70	67	67	69	72	62	64	52	59	56	52	57	67	70	71	65	64	62	56	55	58	62	64	64	60	67	63.0
PANA	MAX	77	80	85	86	90	91	90	90	89	85	79	72	79	75	67	72	82	89	90	89	82	85	82	78	76	75	81	81	83	84	84	82.2
	MIN	65	61	67	68	70	72	70	72	73	73	62	52	55	61	53	53	58	70	70	69	66	65	66	59	59	61	66	67	67	63	66	64.5
SPRINGFIELD WSO AP	MAX	74	83	86	87	91	92	92	92	90	85	74	76	82	66	71	75	87	92	90	90	83	86	82	80	82	79	83	83	84	87	87	83.6
	MIN	62	59	69	70	72	73	72	74	75	69	55	51	59	54	53	58	63	71	69	67	67	66	61	55	59	60	65	65	67	62	70	64.3
VIRDEN 1 N	MAX	75	83	86	87	92	94	92	93	91	84	82	80	82	80	78	82	88	92	90	91	85	87	81	80	83	82	83	84	83	87	87	85.3
	MIN	63	56	63	65	68	70	68	69	71	70	59	58	60	63	64	64	67	66	72	65	62	61	60	53	54	55	61	62	64	59	65	63.1
WHITE HALL 1 E	MAX	78	85	86	89	93	93	92	92	92	90	81	76	83	82	70	75	87	92	94	90	86	88	82	80	82	80	84	84	83	85		85.1
	MIN	67	62	66	67	68	72	70	70	71	73	63	53	55	57	56	55	58	70	69	69	66	64	63	56	58	60	63	65	66	63		63.8
. . .																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	79	80	85	87	92	92	91	92	91	89	82	75	79	69	70	73	82	88	89	88	78	84	82	78	78	74	83	83	84	85	84	82.8
	MIN	65	62	66	67	69	74	73	74	75	74	60	52	55	61	50	52	56	68	69	69	67	68	67	61	58	61	63	67	68	62	65	64.5
EFFINGHAM 3 W	MAX	82	75	80	85	86	90	91	90	91	89	86	72	73	78	74	68	73	81	87	88	88	80	84	82	77	75	74	82	79	83	84	81.5
	MIN	70	62	64	64	66	68	70	71	70	72	61	52	53	55	55	52	55	57	69	72	67	67	67	60	57	58	63	65	68	60	61	62.9
FLORA 5 NW	MAX	84	84	87	87	96	94	93	94	91	90	74	74	80	77	70	74	82	89	90	90	85	86	86	79	75	73	86	81	86	87	85	84.2
	MIN	69	61	63	65	66	72	70	71	69	73	61	49	52	60	57	48	54	67	70	72	65	64	68	60	56	61	64	67	69	62	62	63.5
MATTOON	MAX	74	82	87	87	92	93	92	92	92	84	73	74	80	70	69	74	82	88	90	90	79	84	83	78	77	76	83	80	83	86	85	82.5
	MIN	65	62	62	67	70	74	72	73	75	69	57	53	55	56	50	53	57	69	70	68	67	67	67	60	58	61	63	67	67	62	62	63.8
MOWEAQUA	MAX	75	82	86	88	92	93	92	92	92	85	80	74	81	75	70	73	85	90	91	91	81	85	85	79	78	79	83	83	84	85		83.6
	MIN	65	60	67	66	68	72	68	71	72	73	63	57	53	62	50	53	55	70	68	68	66	64	64	58	58	59	65	66	67	60		63.6
NEWTON 6 SSE	MAX	88	78	82	87	87	91	95	93	94	92	91	67	76	79	78	70	77	82	88	90	89	82	84	84	78	76	70	85	80	83	88	83.4
	MIN	68	61	62	65	65	73	69	71	71	72	63	52	53	55	55	51	54	56	66	70	66	66	68	62	57	57	62	66	67	61	61	62.7
OLNEY 2 S	MAX	85	83	87	89	91	93	92	94	92	90		75	79	79	72	74	83	87	90	89	84	85	86	80	77	74	85	83	87	87	87	84.6
	MIN	69	62	64	65	68	69	69	71	70	74	66	53	54	58	58	52	54	65	66	71	67	67	68	65	59	61	65	68	69	62	64	64.3
PALESTINE	MAX	80	81	87	89	91	94	92	93	92	88	71	75	80	75	69	75	83	89	91	90	80	83	85	78	75	69	85	80	86	86	85	83.1
	MIN	69	65	67	68	71	75	70	74	75	70	63	53	54	62	54	54	55	65	70	71	69	68	67	65	59	64	66	69	68	65	63	65.4
PARIS WATERWORKS	MAX	77	80	86	88	92	92	91	92	91	85	77	75	79	74	70	75	82	87	89	88	80	81	85	76	78	73	83	77	84	86	86	82.5
	MIN	64	61	66	68	70	74	71	72	75	74	59	51	55	60	48	53	56	68	65	64	65	66	69	60	57	60	62	65	68	64	63	63.6
SALEM	MAX	84	85	88	88	93	94	93	95	92	91	75	75	80	78	70	76	85	90	90	90	87	88	87	78	75	74	85	82	85	85	87	84.7
	MIN	70	64	66	66	70	74	72	72	73	72	59	55	55	62	58	54	56	68	72	74	68	68	70	62	60	64	66	69	69	64	67	65.8
TUSCOLA	MAX	78	81	87	87	92	94	94	93	92	90	81	75	80	80	70	76	82	89	90	90	80	85	85	80	77	75	83	81	84	87	86	84.0
	MIN	65	58	64	65	67	74	71	73	74	74	60	54	53	55	46	53	53	68	66	68	68	69	65	59	58	62	63	66	66	60	64	63.3
VANDALIA 3 SW	MAX	85			92			94	94	95	92		77	76	81	81	74	79	84	89	95	89	85	87	79	80	76	78	79	86	86	89	84.7
	MIN	70				75	76	70	73	72	70	62	60	60	59	57	57	58	60	71	68	71	69	68	59	58	60	68	67	70	70	68	65.9
WINDSOR	MAX	78	80	86	86	90	92	90	92	90	87	80	75	79	75	69	76	82	87	90	88	82	84	82	78	79	77	84	81	83	87	87	83.1
	MIN	64	65	65	67	69	73	72	71	73	72	59	50	56	59	48	48	56	67	67	65	64	66	66	56	58	56	62	66	65	62	65	63.0
. . .																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	86	87	86	88	94	95	93	94	91	91	83	74	79	85	75	77	83	89	90	89	86	87	87	85	82	82	87	80	86	82		85.8
	MIN	71	65	64	68	69	72	71	72	71	74	63	57	54	59	57	54	55	63	72	71	68	67	65	64	65	65	66	68	64	65		65.3
BELLEVILLE SO ILL UNIV	MAX	85	85	87	88	94	94	92	94	93	91	87	77	81	80	70	75	85	91	92	92	87	90	88	85	80	82	87	85	85	87	87	86.3
	MIN	69	62	63	65	70	71	69	68	69	71	66	56	55	58	56	51	55	67	70	66	67	67	65	58	59	64	68	69	67	63	69	64.3
CAHOKIA	MAX	85	83	87	90	91	94	96	95	96	93	92	77	77	84	80	72	77	89	93	93	95	91	92	89	82	81	83	89	90	87	81	87.2
	MIN	69	64	66	66	67	72	70	73	69	72	64	54	53	60	58	54	53	57	67	73	67	65	60	61	59	64	67	69	66	68	70	64.4
CAIRO WSO CI	MAX	85	87	87	89	93	96	98	95	94	95	75	79	81	87	69	79	85	91	91	92	91	87	88	84	76	81	88	80	87	89	88	86.7
	MIN	75	75	72	74	76	77	78	78	79	75	67	64	63	67	62	59	65	70	75	77	74	71	70	71	70	69	73	71	73	74	71	71.5
CARBONDALE SEWAGE PL	MAX	89	80	85	86	87	92	94	92	93	91	90	68	75	79	84	70	74	83	87	90	88	84	86	85	80	75	80	87	82	85	83	84.0
	MIN	69	65	63	65	68	69	68	68	70	73	65	55	52	55	56	52	53	58	67	70	69	67	68	64	61	64	65	68	68	66	66	64.1
CARLYLE RESERVOIR	MAX	85	78	84	87	88	92	94	93	94	92	91	75	74	80	76	70	75	84	92		90	82	88	85	78	77	76	85	84	86	84	84.0
	MIN	69	62	65	62	70	73	72	71	72	72	62	58	51	59	58	60	61	63	64	70	69	68	71	62	65	65	66	69	68	68	71	65.7
DU QUOIN 4 SE	MAX	79	84	89	90	92	95	95	94	94	94	71	74	81	85	70	76	85	89	93	93	85	90	91	78	75	77	89	84	84	86		85.4
	MIN	65	63	65	66	69	72	71	70	72	67	63	55	53	58	54	53	54	65	63	72	69	68	67	64	62	65	67	67	69	65		64.4
KASKASKIA R NAV LOCK	MAX	89	84	87	90	92	96	99	98	98	95	84	78	79	88	77	76	80	89	96	92	90	88	90	89	81	80	80	89	86	88	82	87.4
	MIN	69	64	67	70	68	73	73	73	73	75	65	55	54	62	59	55	56	62	69	73	71	70	70	64	63	64	65	69	69	69	70	66.4
MARION 4 NNE	MAX	89	80	86	87	89	93	96	94	95	93	91	68	76	80	83	70	76	85	89	91	90	84	88	86	80	73	79	88	82	86	85	84.9
	MIN	70	64	64	65	68	68	70	68	68	70	67	56	53	56	56	55	54	55	65	71	70	67	69	66	62	65	66	69	69	67	66	64.5
NASHVILLE 4 NE	MAX	82	83	87	87	93	92	93	93	91	89	75	73	80	78	69	73	83	89	91	89	86	88	85	77	76	74	85	83	83	84	85	83.7
	MIN	70	63	67	68	70	73	72	73	73	71	62	53	56	62	57	53	57	66	72	73	69	68	69	63	62	63	67	69	70	68	70	66.1
SPARTA	MAX	87	87	89	89	95	96	95	96	95	93	78	76	83	81	71	76	86	92	92	92	89	90	85	80	77	82	88	85	87	89	88	86.7
	MIN	70	65	66	68	72	73	72	72	74	73	63	55	57	62	56	53	59	60	73	73	70	70	70	63	62	64	67	69	70	68	70	66.4
WATERLOO	MAX	83	82	87	88	90	93	94	93	93	91	91	74	78	81	77	70	77	88	90	91	89	90	89	87	80	80	84	88	84	86	83	85.5
	MIN	68	63	65	67	70	73	70	72	73	78	63	53	55	62	56	54	57	70	73	74	68	66	67	61	61	64	67	68	67	68	69	65.9
. . .																																	
SOUTHEAST 09																																	
ALBION	MAX																	86	93	92	91	85	86	87	86	78	72	87	87	87	87		
	MIN																	48	65	71	74	67	67	68	66	64	64	63	69	68	69		
BROOKPORT DAM 52	MAX	89	88	88	90	92	95	96	95	94	92	90	78	81	85	81	77	86	89	92	90	88	88	86	85	78	82	84	82	87	85	87	87.1
	MIN	72	65	65	66	68	71	71	70	71	75	63	58	54	61	58	53	54	62	70	70	67	68	69	65	65	65	67	65	69	69	66	65.5
DIXON SPRINGS AGR C	MAX	89	84	86	87	92	92	94	94	93	92	90	75	78	82	82	76	83	87	89	89	88	85	86	85	80	79	86	85	84	86	88	86.0
	MIN	72	64	63	64	67	70	71	68	71	73	64	56	53	56	55	53	53	62	69	71	69	67	70	65	64	65	67	69	69	70	66	65.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
AUGUST 1979

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	85	81	86	86	92	95	94	93	92	91	79	76	79	78	70	74	83	90	92	91	89	84	85	77	76	74	86	85	85	86	87	84.5
	MIN	70	64	63	64	63	73	70	70	72	69	63	53	53	60	58	51	53	68	71	72	68	66	69	64	59	62	64	68	69	64	63	64.4
HARRISBURG	MAX	87	85	89	90	95	96	96	96	95	93	78	77	82	86	73	76	88	92	93	93	88	90	89	84	84	80	88	84	88	88	87	87.4
	MIN	73	65	65	67	70	73	71	70	72	75	63	56	54	59	58	52	54	68	72	72	69	67	71	66	64	67	65	70	70	69	67	66.3
MC LEANSBORO 2 ENE	MAX	89	80	83	87	88	91	93	93	94	93	90	67	75	81	82	74	75	85	92	93	91	86	85	85	80	75	73	88	82	85	88	84.6
	MIN	70	62	63	64	67	70	70	68	70	73	65	52	52	52	55	50	51	57	69	69	67	67	68	64	66	61	64	64	67	64	63	63.4
MT CARMEL	MAX	90	81	83	87	89	90	96	94	95	93	92	71	76	80	81	72	76	83	90	92	90	84	82	84	80	76	72	87	80	86	87	84.5
	MIN	70	65	65	69	71	72	74	74	75	76	70	55	56	58	59	55	55	59	69	72	68	69	69	67	63	63	64	69	69	68	67	66.3
MT VERNON 3 NE	MAX	90	92	91	92	94	93	92	93	94	94	83	74	76	81			90	90	90	95		80	82	84	87	80	82	85	88	88	87	87.4
	MIN				72	71	68	73	75	68	72	61	52	52	55	50			72	70	70	67	64	69	72		67	64	68	70	67	72	66.4
RENO LAKE DAM	MAX	89	79	85	88	88	93	94	94	95	93	92	70	74	80	83	72	76	85	90	92	91	84	89	87	78	76	74	88	83	85	86	84.9
	MIN	69	63	64	67	69	72	72	72	72	73	66	58	55	58	58	56	56	57	68	74	70	68	69	60	64	66	67	69	69	67	66	65.6
ROSICLARE	MAX	85	83	84	85	89	92	91	91	90	90	85	75	78	80	75	74	81	86	88	88	86	84	85	80	77	78	83	80	86	83	85	83.8
	MIN	73	65	66	67	69	71	72	70	72	74	64	56	60	58	58	52	55	61	68	69	67	67	68	65	64	66	66	67	67	65	65	65.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.30	.12	.18	.28	.28	.28	.22	.45	.20	.36	.14	.29	.26	.12	.25	.18	.10	-	.15	-	.00	.33	-	.32	.25	.49	.30	.13	.19	.14	.15	7.158
	WIND	35	21	29	21	34	32	21	57	26	67	53	23	27	58	33	25	15	59	23	35	21	29	19	61	35	14	26	28	18	28	10	983
	MAX	95	96	92	98	97	100	101	99	102	97	91	87	89	80	87	86	85	88	88	92	94	96	97	89	89	92	80	88	87	91	96	91.9
	MIN	68	73	73	70	73	74	73	76	73	72	61	57	58	62	54	53	64	64	65	69	70	70	69	59	62	61	66	67	66	67	69	66.4
EAST 05																																	
URBANA	EVAP	.05	.06	.15	.18	.17	.26	.22	.25	.20	.24	.09	.18	.19	.19	.11	.16	.17	-	-	-	-	-	-	-	-	-	-	.15	.08	.17	.14	-
	WIND	22	27	23	25	32	35	30	46	29	49	38	30	30	49	30	29	22	50	36	29	25	18	27	35	27	19	18	22	32	32	10	926
	MAX	77	70	88	91	94	97	99	96	95	96	82	85	87	84	70	78	84	82	86	92	90	80	89	87	-	-	80	83	81	87	90	86.2
	MIN	64	61	61	65	68	70	72	71	71	71	60	57	54	55	49	49	54	57	66	67	67	67	68	61	-	-	63	65	66	65	65	63.1
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.07	.15	.25	.30	.25	.36	.27	.34	.32	.15	.39	.12	.27	.12	.23	.23	.27	.25	.28	.35	.10	.16	.29	.18	.23	.22	.34	.23	.23	.22	.24	7.41
	WIND	43	23	40	37	38	53	43	36	32	54	98	56	49	39	57	62	61	53	48	50	49	35	60	39	30	39	58	19	79	23	49	1448
	MAX	79	93	94	97	101	102	100	103	100	93	86	78	79	86	79	76	87	93	92	91	92	95	93	85	87	83	89	93	89	92	88	90.2
	MIN	67	63	70	71	74	75	74	74	75	73	65	54	58	63	53	62	60	72	70	62	65	68	67	62	63	62	56	67	67	67	59	65.7
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.63	.23	.21	.27	.22	.30	.28	.30	.28	.30	.43	.22	.25	.28	.12	.24	.21	.27	.24	.24	.18	.15	.19	.13	.26	.19	.06	.16	.15	.14	.13	7.26
	WIND	39	54	35	47	50	41	33	36	34	70	69	130	50	74	98	95	42	94	73	68	54	35	47	42	27	44	38	34	57	32	23	1665
	MAX	9	81	93	94	94	10	101	99	99	97	94	77	84	85	81	77	84	88	88	95	93	88	93	84	87	81	83	90	86	89	87	89.1
	MIN	6	65	66	68	71	72	74	74	74	70	64	55	55	62	63	66	63	63	66	73	68	68	71	64	65	63	64	67	67	67	70	66.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	490	6P	6P		H	IL STATE POLICE RADIO
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALLAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY WSCMO R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR O CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			EDMUND E KUNCE
GREENFIELD	3666	06	GREENE		39 21	90 13	560				C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 43	87 41	447		7A			CALVIN L REYNOLDS
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT O QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	645		7A			MRS LAURIE DOUD
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	M10	M10		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	M10	M10		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	M10	M10		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	M10	M10	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	M10	M10	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	645	7A	7A			EUGENE L MC MURTRY
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
O	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

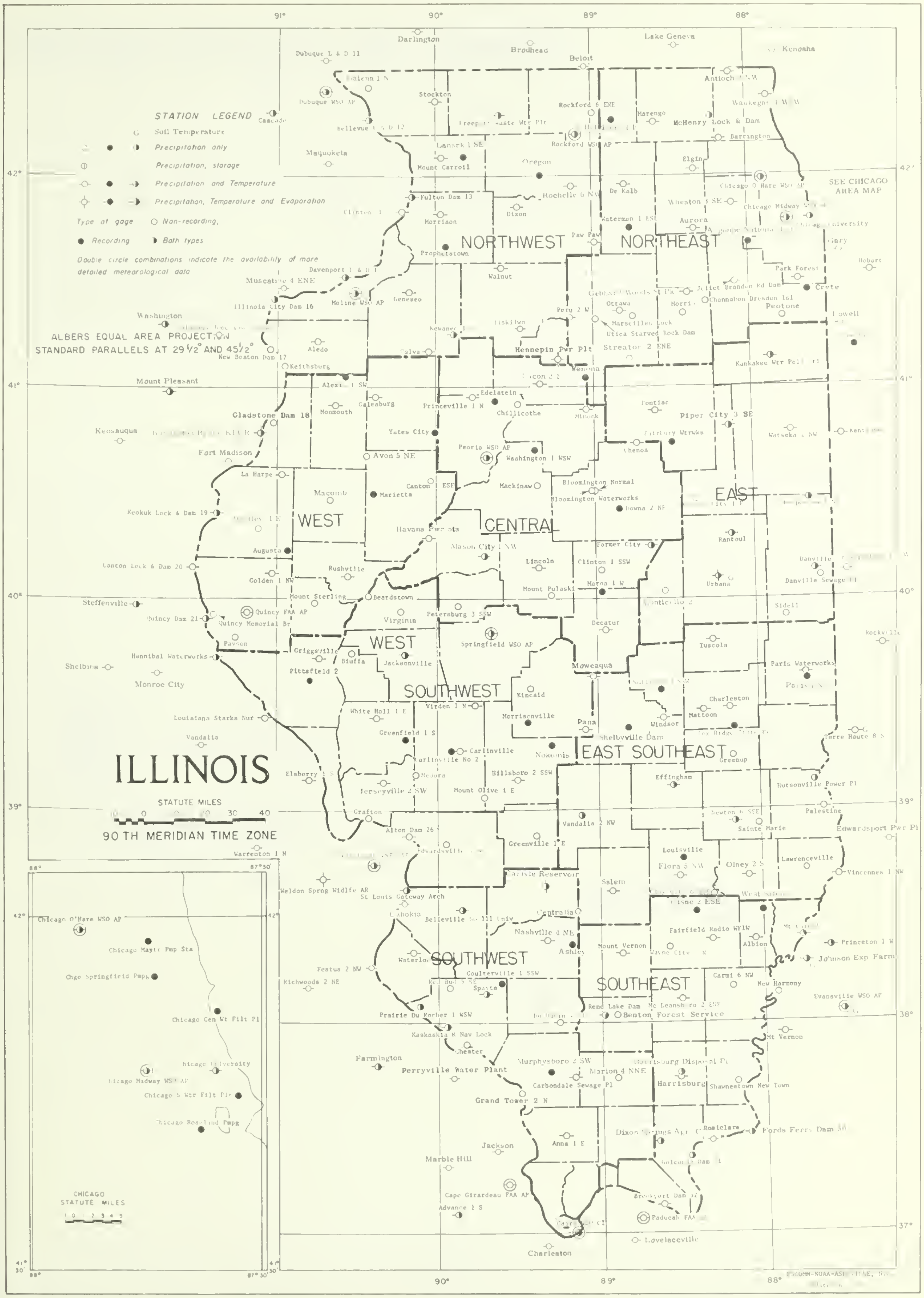
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


ILLINOIS
STATION LEGEND
Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◗ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Beloit
Dubuque L & D 11
Galena 1 N
Dubuque WSO AP
Stockton
Antioch
Waukegan
Cascade
Bellevue L & D 12
Freeport
Rockford 6 ENE
Marengo
McHenry Lock & Dam
Barrington
Rockford WSO AP
Lanark 1 SE
Maquoketa
Mount Carroll
Oregon
Elgin
Chicago O'Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Clinton
Morrison
Dixon
Wheaton 3 SE
Chicago Midway
Chicago University
Waterman 1 ESE
Aurora
Paw Paw
Prophetstown
Gary
Hobart
Davenport
Walnut
Muscatine 4 ENE
Moline WSO AP
Geneseo
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Park Forest
Crete
Illinois City Dam 16
Ottawa
Morris
Channahon Dresden Isl
Peotone
Washington
Peru 2 W
Marseilles Lock
Lowell
Utica Starved Rock Dam
Tiskilwa
Kewanee
Aledo
Streator 2 ENE
New Boston Dam 17
Galva
Hennepin Pwr Plt
Kankakee Wtr Pol
Keithsburg
Wenona
Mount Pleasant
Alexis 1 SW
Edelstein
Lacon 2 E
Monmouth
Galesburg
Princeville 1 N
Chillicothe
Pontiac
Minonk
Piper City 3 SE
Gladstone Dam 18
Keosauqua
Yates City
Fairbury Wtrwks
Watseka 2 NW
Fort Madison
Peoria WSO AP
Chenoa
Avon 5 NE
Washington 1 WSW
La Harpe
Canton 1 ESE
Mackinaw
Bloomington Normal
Macomb
Marietta
Bloomington Waterworks
Downs 2 NE
Keokuk Lock & Dam 19
Havana Pwr Sta
Augusta
Mason City 1 NW
Farmer City
Rantoul
Canton Lock & Dam 20
Rushville
Lincoln
Clinton 1 SSW
Danville
Golden 1 NW
Urbana
Danville Sewage
Mount Pulaski
Maroa 1 W
Steffenville
Mount Sterling
Beardstown
Monticello 2
Quincy FAA AP
Virginia
Petersburg 3 SSW
Sidell
Quincy Dam 21
Quincy Memorial Br
Decatur
Rockville
Payson
Springfield WSO AP
Tuscola
Griggsville
Bluffs
Jacksonville
Hannibal Waterworks
Shelbina
Moweaqua
Paris Waterworks
Monroe City
Pittsfield 2
Kincaid
Charleston
Virden 1 N
Windsor
Mattoon
White Hall 1 E
Morrisonville
Pana
Louisiana Starks Nur
Greenfield 1 S
Carlinville
Shelbyville Dam
Terre Haute
Vandalia
Carlinville No 2
Nokomis
Greenup
Medora
Hillsboro 2 SSW
Effingham
Elsberry
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Crafton
Vandalia 2 NW
Newton
Palestine
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Warrenton 1 N
Edwardsville
Greenville 1 E
Louisville
Flora 5 NW
Olney 2 S
Lawrenceville
Vincennes 1 NW
Carlyle Reservoir
Weldon Spring Wldlfe AR
St Louis Gateway Arch
Salem
Cisne 2 ESE
West Salem
Cahokia
Belleville
Centralia
Mt Carmel
Nashville 1 NE
Fairfield Radio WFIW
Princeton 1 W
Ashley
Mount Vernon
Albion
Johnson Exp Farm
Waterloo
Wayne City
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
New Harmony
Richwoods 2 NE
Red Bud
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ESE
Benton Forest Service
Prairie Du Rocher 1 WSW
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Fords Ferry Dam
Jackson
Anna 1 E
Marble Hill
Golconda Dam
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo
Lovelaceville
Charleston
88°
87°30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS

BULK RATE

/12: 84/9

SEPTEMBER 1979 VOLUME 84 NUMBER 9

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	MINONK	94	DATE 13
LOWEST TEMPERATURE:	2 STATIONS	32	DATE 23+
GREATEST TOTAL PRECIPITATION:	BROOKPORT DAM 52	4.72	
LEAST TOTAL PRECIPITATION:	8 STATIONS	.00	
GREATEST 1 DAY PRECIPITATION:	ROSICLARE	2.45	DATE 21

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	30	NE	21	-	-	-	-	0	0	1	0	2	0	3	70	-
CHICAGO O HARE WSO AP	24	1.6	8.7	23++	1	21	76	80	48	55	4	1	0	0	0	0	5	-	3.4
CHICAGO MIDWAY WSCMO AP	23	0.8	8.8	24	S	01	74	81	57	58	2	1	0	0	0	0	3	79	4.0
MOLINE WSO AP	23	1.1	7.7	23	SE	01	85	90	48	60	3	1	0	0	0	0	4	79	2.7
PEORIA WSO AP	13	0.1	7.5	20	NW	14	82	92	48	53	1	1	0	0	0	0	2	85	3.3
ROCKFORD WSO AP	23	1.5	7.6	22++	7	10	90	95	50	63	3	2	0	0	0	0	5	-	3.0
SPRINGFIELD WSO AP	11	0.3	7.1	18	NW	14	82	94	50	53	1	0	0	0	0	0	1	85	3.0

CLEMSON UNIVERSITY LIBRARY
JAN 7 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
SEPTEMBER 1979

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
▪ ▪ ▪ NORTHWEST 01																							
ALEDO	79.6	52.8	66.2	1.0	89	11+	38	23	62	0	0	0	0	T	- 3.52	T	24	.0	0		0	0	0
DIXON 3 W	73.9	49.4	61.7	- 3.1	83	12	38	23	144	0	0	0	0	.04	- 3.57	.04	25	.0	0		0	0	0
FREEPORT WASTE WTR PLT	77.2	49.6	63.4		88	1	37	23	105	0	0	0	0	.11		.06	1	.0	0		0	0	0
FULTON DAM 13	76.2	53.5	64.9	.1	86	12+	43	24	85	0	0	0	0	.11	- 3.63	.08	25	.0	0		0	0	0
GALVA	79.2	52.9	66.1	1.0	90	12	41	23	69	1	0	0	0	1.28	- 2.17	1.21	30	.0	0		1	1	1
GENESEO	78.0	54.3	66.2		89	11+	39	23	67	0	0	0	0	.05	- 3.54	.04	1	.0	0		0	0	0
HENNEPIN POWER PLANT	79.4M	50.2	64.8M		89	12+	34	23	91	0	0	0	0	.01		.01	25	.0	0		0	0	0
KEWANEE 1 E	77.9	50.0	64.0	- 1.1	88	12+	34	24	106	0	0	0	0	.15	- 3.23	.15	30	.0	0		1	0	0
MOLINE WSO AP R	78.3	50.2	64.3	- .3	89	11+	36	22	95	0	0	0	0	.02	- 3.82	.02	24	.0	0		0	0	0
MORRISON	77.3	49.0	63.2	- 1.4	88	11	37	23	115	0	0	0	0	.04	- 3.64	.04	25	.0	0		0	0	0
MOUNT CARROLL	75.9	47.0	61.5	- 1.8	85	12+	32	23	149	0	0	1	0	.09	- 3.76	.09	25	.0	0		0	0	0
PAW PAW	76.1	49.5	62.8		85	11+	39	22	118	0	0	0	0	.86	- 2.46	.50	30	.0	0		2	1	0
ROCHELLE	M	47.4	M				35	23		0	0	0	0	.34		.34	2	.0	0		1	0	0
ROCKFORD WSO AP //R	76.3	49.7	63.0	- .3	85	29+	37	23	120	0	0	0	0	.05	- 3.95	.04	13	.0	0		0	0	0
STOCKTON 1 N	74.8	48.5	61.7		85	11+	32	23+	145	0	0	2	0	.19		.14	25	.0	0		1	0	0
TISKILWA 2 SE	79.8	51.1	65.5		90	3	34	23	72	1	0	0	0	T	- 3.37	T	29+	.0	0		0	0	0
WALNUT	78.7	52.8	65.8	.4	89	10	40	22	72	0	0	0	0	T	- 3.81	T	24+	.0	0		0	0	0
DIVISION			64.1	- .2										.20	- 3.48			.0					
▪ ▪ ▪ NORTHEAST 02																							
ANTIOCH 2 NW	75.2	51.1	63.2	- .1	85	12	39	23	111	0	0	0	0	.05	- 3.18	.04	25	.0	0		0	0	0
AURORA	M	51.7	M				41	23		0	0	0	0	T	- 3.47	T	25	.0	0		0	0	0
BARRINGTON	76.1	51.9	64.0		86	12+	39	23	97	0	0	0	0	.02		.02	1	.0	0		0	0	0
CHICAGO O'HARE WSO AP R	77.5	54.6	66.1	2.4	87	12+	43	23	62	0	0	0	0	.02	- 2.99	.02	24	.0	0		0	0	0
CHICAGO UNIVERSITY //	78.1	58.3	68.2	2.3	88	12+	48	23	34	0	0	0	0	.04	- 2.89	.04	3	.0	0		0	0	0
CHGO MIDWAY WSCMO AP //R	75.2	56.3	65.8	- .1	86	2	45	23	61	0	0	0	0	.01	- 2.99	.01	1	.0	0		0	0	0
DE KALB	78.9	52.7	65.8	2.2	87	11	39	23	68	0	0	0	0	.04	- 3.51	.02	24+	.0	0		0	0	0
ELGIN	75.4	49.3	62.4		84	12+	41	21	123	0	0	0	0	.01	- 3.32	.01	14	.0	0		0	0	0
GEBHARD WOODS ST PARK	79.0	51.3M	65.2M		89	12	42	22+	95	0	0	0	0	.00		.00		.0	0		0	0	0
JOLIET BRANDON RD DAM	77.6	51.6	64.6	- .8	87	12+	43	23	86	0	0	0	0	.04	- 3.42	.04	25	.0	0		0	0	0
MARENGO	78.3	51.2	64.8	1.5	87	11+	37	23	88	0	0	0	0	.00	- 3.38	.00		.0	0		0	0	0
OTTAWA	81.3M	52.6M	67.0M	.7	90	11	39	23	52	1	0	0	0	.91	- 2.46	.85	30	.0	0		1	1	0
PARK FOREST	76.9	54.4	65.7		87	12	39	23	73	0	0	0	0	.09	- 2.79	.09	25	.0	0		0	0	0
PERU 2 W	80.7M	51.5	66.1M	.2	90	11	34	23	77	1	0	0	0	.00	- 3.26	.00		.0	0		0	0	0
WAUKEGAN	74.3	51.4	62.9	- .8	86	1	41	23	113	0	0	0	0	.02	- 3.12	.02	14	.0	0		0	0	0
WHEATON 3 SE	79.4	51.7M	65.6M		89	11	36	23	71	0	0	0	0	T	- 3.40	T	25	.0	0		0	0	0
DIVISION			65.2	.3										.08	- 3.23			.0					
▪ ▪ ▪ WEST 03																							
GALESBURG	78.6	52.8	65.7		88	11+	40	23+	70	0	0	0	0	.82	- 2.59	.60	29	.0	0		2	1	0
GOLDEN 1 NW	82.4	52.5	67.5		91	12	37	22	47	1	0	0	0	.03	- 3.73	.03	1	.0	0		0	0	0
LA HARPE	81.0	52.4	66.7	.4	90	11+	40	15	52	2	0	0	0	.13	- 3.92	.13	2	.0	0		1	0	0
MONMOUTH	80.6	51.0	65.8	.3	90	11+	37	23	66	2	0	0	0	.03	- 3.66	.03	1	.0	0		0	0	0
QUINCY FAA AP	80.2	54.9	67.6		88	11	43	23+	41	0	0	0	0	.37	- 3.62	.37	1	.0	0		1	0	0
QUINCY DAM 21 //	80.0	51.6	65.8		88	12+	41	17+	66	0	0	0	0	.09	- 3.78	.05	29	.0	0		0	0	0
RUSHVILLE	81.7	53.0	67.4	.4	90	2	36	22	52	1	0	0	0	.16	- 3.55	.16	1	.0	0		1	0	0
DIVISION			66.6	.0										.23	- 3.61			.0					
▪ ▪ ▪ CENTRAL 04																							
CHENOA	79.0	52.2	65.6		88	12+	36	23	68	0	0	0	0	.06		.06	1	.0	0		0	0	0
DECATUR	83.1	50.8	67.0	- 1.1	93	11	38	24+	52	1	0	0	0	.02	- 3.30	.02	1	.0	0		0	0	0
FARMER CITY	80.2	52.8	66.5		91	11	40	15	55	1	0	0	0	T		T	30	.0	0		0	0	0
HAVANA 4 NNE	82.7	49.5	66.1		93	12	34	24+	73	3	0	0	0	.20	- 3.24	.20	1	.0	0		1	0	0
LACON 2 E	81.3	52.4	66.9		91	11+	37	23	57	2	0	0	0	T		T	1	.0	0		0	0	0
LINCOLN	79.8	53.6	66.7	- .4	87	11	42	23+	53	0	0	0	0	2.72	- .46	2.32	1	.0	0		2	1	1
MASON CITY 1 NW	80.7	51.7	66.2		90	11	39	23	53	1	0	0	0	.11		.11	1	.0	0		1	0	0
MINONK	82.2	55.0M	68.6M	3.2	94	13	42	23	42	4	0	0	0	.60	- 2.90	.60	30	.0	0		1	1	0
NORMAL	81.0	54.6	67.8	.6	89	13+	39	15	50	0	0	0	0	.15	- 3.31	.15	1	.0	0		1	0	0
PEORIA WSO AP //R	79.2	51.9	65.6	.1	90	11	41	23+	70	1	0	0	0	.03	- 3.52	.03	1	.0	0		0	0	0
PRINCEVILLE	79.1	49.3	64.2		89	11	35	16	102	0	0	0	0	T	- 3.57	T	1	.0	0		0	0	0
DIVISION			66.5	- .1										.35	- 3.10			.0					
▪ ▪ ▪ EAST 05																							
DANVILLE	80.8	52.6	66.7	.2	88	3	39	23	50	0	0	0	0	.04	- 3.06	.04	2	.0	0		0	0	0
HOOPESTON 1 NE	77.6	52.9	65.3	- 1.0	86	11	41	24+	77	0	0	0	0	T	- 3.36	T	25+	.0	0		0	0	0
KANKAKEE WTR POLL CTR	78.9	50.3	64.6		87	11	39	24	63	0	0	0	0	.00		.00		.0	0		0	0	0
PIPER CITY 3 SE	80.1	50.5	65.3	- .6	90	11	34	23	79	1	0	0	0	.04	- 2.70	.04	2	.0	0		0	0	0
PONTIAC	80.3	53.1	66.7	.5	91	11	41	23	53	2	0	0	0	.05	- 3.16	.03	30	.0	0		0	0	0
RANTOUL	79.3	50.4M	64.9M		88	12+	40	23	97	0	0	0	0	T	- 3.11	T	4	.0	0		0	0	0
URBANA	78.6	54.3	66.5	- .3	88	11	43	23	55	0	0	0	0	.54	- 2.44	.53	30	.0	0		1	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	77.7	48.7	63.2		85	12+	36	24+	110	0	0	0	0	.10	- 2.73	.10	30	.0	0		1	0	0
DIVISION			65.4	- .7										.10	- 2.92			.0					
• • •																							
WEST SOUTHWEST 06																							
ALTON DAM 26	80.4	56.7	68.6		88	12+	46	23	34	0	0	0	0	.30		.30	2	.0	0		1	0	0
CARLINVILLE	81.7	53.1	67.4	- .6	89	29+	37	23	52	0	0	0	0	.61	- 2.99	.61	1	.0	0		1	1	0
GRIGGSVILLE	79.4	55.2	67.3	- .7	88	11	41	23+	49	0	0	0	0	.21	- 3.43	.20	1	.0	0		1	0	0
HILLSBORO		52.6M	M				40	23				0	0	.02	- 3.22	.02	1	.0	0		0	0	0
JACKSONVILLE 2 E	79.9	49.5	64.7	- 2.8	88	12	37	24+	92	0	0	0	0	T	- 3.71	T	2	.0	0		0	0	0
JERSEYVILLE 2 SW	80.1	49.6	64.9		88	12+	33	23	84	0	0	0	0	.36		.31	2	.0	0		1	0	0
PANA	77.9	55.1	66.5	- 1.2	86	1	43	23	56	0	0	0	0	1.13	- 2.27	1.13	2	.0	0		1	1	1
SPRINGFIELD WSO AP R	81.5	53.9	67.7	.5	91	11	39	15	50	1	0	0	0	T	- 3.27	T	1	.0	0		0	0	0
VIRDEN 1 N	81.5	52.0	66.8		90	11	37	23	61	1	0	0	0	.67	- 2.76	.29	2	.0	0		3	0	0
WHITE HALL 1 E	80.9	53.8	67.4	- .6	88	11	40	16+	44	0	0	0	0	.06	- 3.35	.06	1	.0	0		0	0	0
DIVISION			66.8	- 1.2										.34	- 2.99			.0					
• • •																							
EAST SOUTHEAST 07																							
CHARLESTON	80.5	55.3	67.9	.5	87	5+	41	24+	43	0	0	0	0	.12	- 2.97	.12	2	.0	0		1	0	0
EFFINGHAM 3 W	77.1	51.0	64.1	- 3.6	85	6+	39	25+	101	0	0	0	0	.55	- 2.67	.55	2	.0	0		1	1	0
FLORA 5 NW	79.8	52.6	66.2	- 2.4	88	3	37	24	67	0	0	0	0	.95	- 2.20	.47	21	.0	0		2	0	0
MATTOON	79.1	53.2	66.2		88	3	41	24+	55	0	0	0	0	.56		.42	5	.0	0		2	0	0
MOWEAQUA	80.6	53.0M	66.8M		89	2	38	15	52	0	0	0	0	.39		.39	1	.0	0		1	0	0
NEWTON 6 SSE	80.1	51.2	65.7		90	4	39	24	72	1	0	0	0	.37	- 2.61	.19	21	.0	0		1	0	0
OLNEY 2 S	80.6	54.4M	67.5M	- 1.7	89	3	41	24+	38	0	0	0	0	1.50	- 1.28	.97	2	.0	0		2	2	0
PALESTINE	79.6	55.4	67.5	- 1.0	88	12+	40	24	51	0	0	0	0	.88	- 2.31	.33	21	.0	0		4	0	0
PARIS WATERWORKS	79.3	54.2	66.8	- 1.0	88	3	40	23	59	0	0	0	0	.14	- 3.19	.14	2	.0	0		1	0	0
SALEM	80.4	56.2	68.3		88	3+	44	24+	32	0	0	0	0	.90		.57	1	.0	0		2	1	0
TUSCOLA	81.0	53.0	67.0		89	11	39	24	47	0	0	0	0	.13	- 3.06	.13	3	.0	0		1	0	0
VANDALIA 3 SW	82.4	54.7M	68.6M		90	5+	37	23	56	4	0	0	0	.60		.60	1	.0	0		1	1	0
WINDSOR	81.3	54.1	67.7	.1	89	11	38	23	44	0	0	0	0	.33	- 3.02	.26	1	.0	0		1	0	0
DIVISION			66.9	- 1.1										.57	- 2.58			.0					
• • •																							
SOUTHWEST 08																							
ANNA 1 E	80.4	57.1	68.8	- 1.0	90	4+	46	23	34	2	0	0	0	2.07	- 1.54	1.96	21	.0	0		1	1	1
BELLEVILLE SO ILL UNIV	82.4	51.7M	67.1M		90	29	36	23	53	1	0	0	0	.19		.19	1	.0	0		1	0	0
CAHOKIA	84.1M	53.4	68.8M		93	5	39	23	37	5	0	0	0	.12		.12	2	.0	0		1	0	0
CAIRO WSO CI R	80.5	63.4	72.0	.0	90	6+	53	23	4	2	0	0	0	2.92	- .55	1.68	21	.0	0		3	2	2
CARBONDALE SEWAGE PL	80.0	51.0	65.5	- 4.1	89	7+	39	24+	77	0	0	0	0	1.58	- 1.88	1.04	21	.0	0		2	2	1
CARLYLE RESERVOIR	80.1	54.9	67.5	- 1.4	90	7	41	15	53	1	0	0	0	.09	- 3.09	.05	21	.0	0		0	0	0
DU QUOIN 4 SE	80.8	53.7	67.3	- 2.4	90	2	41	24+	44	1	0	0	0	.87	- 2.28	.50	21	.0	0		2	1	0
KASKASKIA R NAV LOCK	80.6	53.2	66.9		91	4	42	17	55	3	0	0	0	.77		.45	21	.0	0		2	0	0
MARION 4 NNE	81.1	53.6	67.4		89	13+	41	24	52	0	0	0	0	1.45	- 1.84	.77	21	.0	0		2	2	0
NASHVILLE 4 NE	80.1	57.1	68.6		88	3	45	23	33	0	0	0	0	.92	- 2.31	.49	21	.0	0		2	0	0
SPARTA	81.9	55.9	68.9	- 1.5	90	3	42	15	31	1	0	0	0	1.01	- 2.58	.96	21	.0	0		1	1	0
WATERLOO	81.5	54.8	68.2		91	4	42	15	40	1	0	0	0	.01	- 3.46	.01	1	.0	0		0	0	0
DIVISION			68.1	- 1.7										1.00	- 2.42			.0					
• • •																							
SOUTHEAST 09																							
ALBION	81.8	57.7	69.8		89	1	46	15	18	0	0	0	0	.82	- 2.20	.48	21	.0	0		2	0	0
BROOKPORT DAM 52	80.6	57.2	68.9		90	3	44	24	27	1	0	0	0	4.72	1.14	1.95	21	.0	0		4	4	2
DIXON SPRINGS AGR C	80.5	56.6	68.6		89	5	42	24+	30	0	0	0	0	2.54		1.96	21	.0	0		3	1	1
FAIRFIELD RADIO WFIW	80.6	54.9	67.8	- 1.2	90	3	38	24	42	1	0	0	0	2.19	- .85	1.16	2	.0	0		3	2	1
HARRISBURG	81.4	56.2	68.8	- 1.4	90	6+	42	24	28	3	0	0	0	2.62	- .19	1.30	21	.0	0		5	2	1
MC LEANSBORO 2 ENE	81.0	53.8	67.4	- 2.6	89	13+	43	24	48	0	0	0	0	1.37	- 1.96	.53	21	.0	0		3	1	0
MT CARMEL	79.9	56.7	68.3		89	4	46	25+	38	0	0	0	0	1.30		.55	21	.0	0		4	1	0
MT VERNON 3 NE	78.2	M	M		88	2				0	0	0	0	.62	- 2.91	.47	22	.0	0		2	0	0
RENO LAKE DAM	80.2	57.1	68.7		89	1	46	25+	34	0	0	0	0	.71		.56	21	.0	0		2	1	0
ROSICLARE	77.7	56.8	67.3		87	3	43	24	40	0	0	0	0	3.84	.95	2.45	21	.0	0		4	2	1
DIVISION			68.4	- 1.4										2.07	- 1.07			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	T																								T							
DIXON 3 W	.04													T												.04						
FREEPORT WASTE WTR PLT	.11	.06												T												.05						
FULTON DAM 13	.11													.01												.08				T	.02	
GALENA 1 N	.13																								T	.13						
GALVA	1.28	.03	.04																												1.21	
GENESEO	.05	.04												T											.01							
HENNEPIN POWER PLANT	.01																									.01						
ILLINOIS CITY DAM 16 //	.17	.02												T												.15						
KEITHSBURG	.01	T																								T					.01	
KEWANEE 1 E	.15	T	T											T																	.15	
MOLINE WSO AP R	.02	T												T											.02						T	
MORRISON	.04													T												.04					T	
MOUNT CARROLL	.09																									.09						
NEW BOSTON DAM 17	.00																															
PAW PAW	.86	.33	T																				.03								.50	
ROCHELLE	.34		.34																													
ROCKFORD 6 ENE	.05		T												.03											.02						
ROCKFORD WSO AP //R	.05	T												.04										T	.01						T	
STOCKTON 1 N	.19													.05												.14						
TISKILWA 2 SE	T					T																			T					T		
WALNUT	T	T												T											T							
* * * NORTHEAST 02																																
ANTIOCH 2 NW	.05											T			.01											.04						
AURORA	T																									T						
BARRINGTON	.02	.02																														
CHANNAHON DRESDEN ISL	.04																									.03					.01	
CHICAGO O'HARE WSO AP R	.02	T							T					T											.02						T	
CHICAGO UNIVERSITY //	.04			.04																						T					T	
CHGO MIDWAY WSCMO AP //R	.01	.01																							T						T	
DE KALB	.04	.02												T											.02							
ELGIN	.01														.01											T						
GEBHARD WOODS ST PARK	.00																															
JOLIET BRANDON RD DAM	.04		T																							.04						
MARENGO	.00																															
MARSEILLES LOCK	.12		T																							.02					.10	
MC HENRY LOCK AND DAM	.03														.03											T						
MORRIS	.03																									.03						
OTTAWA	.91																								.06						.85	
PARK FOREST	.09																									.09						
PEOTONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PERU 2 W	.00																															
STREATOR 2 ENE	T	T																														
UTICA STARVED ROCK DAM	2.16																									.07					2.09	
WAUKEGAN	.02														.02											T						
WHEATON 3 SE	T																									T						
* * * WEST 03																																
AVON 5 NE	T			T																						T						
BENTLEY 1 E	.54	.02		.52																					T							
CANTON 1 ESE	.02	.02																														
GALESBURG	.82	.15	.07																							T				.60	T	
GLADSTONE DAM 18	.06																									.06				T		
GOLDEN 1 NW	.03	.03																														
LA HARPE	.13		.13																							T						
MACOMB	.03																													.03		
MONMOUTH	.03	.03																							T						T	
MOUNT STERLING	.15	.15																														
PAYSON	2.17	2.12	.05																													
QUINCY FAA AP	.37	.37																														
QUINCY DAM 21 //	.09	.03	.01																											.05		
QUINCY MEMORIAL BRIDGE	.05	T	T																											.05		
RUSHVILLE	.16	.16												T																		
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	.16	.14	.02																													
CHENOA	.06	.06																														
CHILLICOTHE	.00																															
CLINTON 1 SSW	.15	.07	T																											.08		
DECATUR	.02	.02																														
FARMER CITY	T																														T	
HAVANA 4 NNE	.20	.20																														
LACON 2 E	T	T																														
LINCOLN	2.72	2.32	.36																												.04	
MACKINAW	.14	.12																												.02		
MASON CITY 1 NW	.11	.11																														
MINONK	.60																														.60	
MOUNT PULASKI	.11	.11																														
NORMAL	.15	.15																														
PEORIA WSO AP //R	.03	.03																							T							
PETERSBURG 3 SSW	.06	.06																														
PRINCEVILLE	T	T																														
* * * EAST 05																																
DANVILLE	.04		.04																													
DANVILLE SEWAGE PLANT	.02	.02																														
GIBSON CITY 1 E	.01		.01																				T									
HOOPESTON 1 NE	T		T																							T						
KANKAKEE WTR POLL CTR	.00																															
MONTICELLO 2	.21	.03																												.18		
PIPER CITY 3 SE	.04		.04																				T			T						
PONTIAC	.05		.02																												.03	
RANTOUL	T				T																											
SIDELL	.05		.01																												.04	
URBANA	.54		.01																												.53	
WATSEKA 2 NW	.10																														.10	
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	.30		.30																													
BEARDSTOWN	1.43	1.43	T																													
BLUFFS	.35	.35																														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
SEPTEMBER 1979

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	.61	.61																														
EDWARDSVILLE 1 NE	.03		.03																													
GRAFTON	.20		.20																													
GREENVILLE 1 E	T		T																													
GRIGGSVILLE	.21	.20	.01																													
HILLSBORO	.02	.02																											T			
JACKSONVILLE 2 E	T		T																													
JERSEYVILLE 2 SW	.36	.05	.31																													
KINCAID	.33		.33																													
MEDORA	.00																															
MOUNT OLIVE 1 E	.00																															
PANA	1.13		1.13																													
SPRINGFIELD WSO AP R	T	T																														
VIRDEN 1 N	.67	.23	.29																												.15	
VIRGINIA	.96	.96																														
WHITE HALL 1 E	.08	.06																														
* * * EAST SOUTHEAST 07																																
CHARLESTON	.12		.12																												T	
CLAY CITY 6 SSE	.78		.25																			.37	.16									
DIONA 3 SW	.91	.43	.48																													
EFFINGHAM 3 W	.55		.55																				T									
FLORA 5 NW	.95	T	.45																			.47	.03									
GREENUP	.29		.27																			T	.02									
HUTSONVILLE POWER PL	.91		.43	.02																		.15	.31									
LAWRENCEVILLE	.71														.10							.38	.23									
MATTOON	.56	.10				.42																								.04		
MOWEAQUA	.39	.39																														
NEWTON 6 SSE	.37		.09																			.19	.09									
OLNEY 2 S	1.50		.97																			.53										
PALESTINE	.88	.26					.11							.10								.33	.08								T	
PARIS WATERWORKS	.14	T	.14																				T									
SAINTE MARIE	.30		T																			.20	.10									
SALEM	.90	.57	T																			.33										
TUSCOLA	.13			.13																												
VANDALIA 3 SW	.60	.60																														
WINDSOR	.33	.26																													.07	
* * * SOUTHWEST 08																																
ANNA 1 E	2.07	.07																			T	1.96	.04									
BELLEVILLE SO ILL UNIV	.19	.19																														
CAHOKIA	.12		.12																													
CAIRO WSO CI R	2.92													.20							1.04	1.68										
CARBONDALE SEWAGE PL	1.58		.03												T							1.04	.51									
CARLYLE RESERVOIR	.09		.04																			.05							T			
CENTRALIA	.95		.07																			.37	.51									
CHESTER	1.48		.36																			.65	.47									
DU QUOIN 4 SE	.87																				.37	.50										
GRAND TOWER 2 N	1.06																					.86	.20									
KASKASKIA R NAV LOCK	.77																					.45	.32									
MARION 4 NNE	1.45														.06							.77	.62									
NASHVILLE 4 NE	.92	T																				.49	.43									
PRAIRIE DU ROCHER 1WSW	.43		T																			.43										
RED BUD 5 SE	.38																					.38										
SPARTA	1.01	.05																				.96										
WATERLOO	.01	.01																				T										
* * * SOUTHEAST 09																																
ALBION	.82													.07							.25	.48	.02									
BENTON FOREST SERVICE	.80																					.57	.23									
BROOKPORT DAM 52	4.72		.56											T	.89							1.95	1.32									
CARMI 6 NW	1.07		.09												.04							.59	.35									
DIXON SPRINGS AGR C	2.54	.02	T											.33	.07						T	1.96	.15						.01	T	T	
FAIRFIELD RADIO WFIW	2.19		1.16												T							.84	.19									
GOLCONDA DAM 51	4.01		.40												.76							1.64	1.21									
HARRISBURG	2.62	.22												.25	.02						T	1.30	.12								.71	
HARRISBURG DISPOSAL PL	2.30		.22												.58							.94	.56									
MC LEANSBORO 2 ENE	1.37		.44																			.53	.37						.03			
MT CARMEL	1.30		.41												.12							.55	.22									
MT VERNON 3 NE	.62																					.15	.47									
REND LAKE DAM	.71																					.56	.15									
ROSICLARE	3.84	.09												.81	.02						.17	2.45	.30									
SHAWNEETOWN NEW TOWN	2.77		.05	.03											.72							1.21	.76									
WAYNE CITY 1 N	.89																					.55	.34									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
SEPTEMBER 1979

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
■ ■ ■																																	
NORTHWEST 01																																	
ALEDO	MAX	83	88	84	84	86	83	76	71	81	89	89	86	82	66	71	78	80	79	75	79	76	70	72	73	80	84	81	85	80	77		79.6
	MIN	69	66	62	60	57	63	50	46	51	59	61	61	60	44	43	43	48	55	46	49	52	40	38	47	51	46	55	53	58	52		52.8
DIXON 3 W	MAX	82	81	82	75	77	78	79	64	67	75	82	83	81	68	62	66	72	75	73	66	74	66	66	67	65	74	78	77	80	81		73.9
	MIN	67	65	60	50	57	59	48	43	46	50	60	58	59	44	42	42	39	44	44	43	46	40	38	42	48	45	48	49	52	55		49.4
FREEPORT WASTE WTR PLT	MAX	88	84	87	77	81	84	82	64	70	79	86	87	85	70	64	70	76	79	76	70	81	68	68	70	65	77	82	81	83	82		77.2
	MIN	67	67	59	55	55	56	49	43	45	53	54	56	57	45	41	43	48	51	43	45	48	39	37	45	45	45	46	48	49	55		49.6
FULTON DAM 13	MAX	86	84	85	78	81	83	81	66	70	78	86	86	83	68	62	70	75	76	74	72	78	66	69	71	65	75	82	79	81	75		76.2
	MIN	69	68	66	60	59	60	56	49	49	52	62	62	61	51	48	47	47	48	49	48	50	46	44	43	48	48	49	53	53	59		53.5
GALVA	MAX	89	86	87	82	83	85	83	70	72	80	89	90	85	72	65	72	77	79	80	75	79	71	70	72	74	80	84	80	84	80		79.2
	MIN	68	65	63	59	59	61	51	46	49	56	59	61	61	45	43	42	49	53	48	48	49	42	41	44	51	54	55	55	55	55		52.9
GENESEO	MAX	85	88	81	81	85	84	69	70	81	89	89	85	71	64	70	77	79	79	73	79	69	69	71	71	79	82	80	84	80	77		78.0
	MIN	70	66	65	59	58	64	53	47	52	63	61	64	56	48	43	46	50	55	47	52	52	41	39	45	53	48	58	57	61	57		54.3
HENNEPIN POWER PLANT	MAX	87	84	78	82	83	82		69	80	80	89	89	86	73	66	72	78	80	80	74	80	72	71	72	75	81	85	83	85	87		79.4
	MIN	69	65	64	54	55	57	51	45	45	52	61	56	62	47	42	42	41	51	43	39	57	40	34	40	47	41	48	47	52	59		50.2
KEWANEE 1 E	MAX	86	84	88	81	80	87	83	69	69	79	88	88	84	72	64	70	76	78	78	72	78	69	70	70	70	79	82	80	83	80		77.9
	MIN	68	65	62	57	52	59	50	44	46	56	58	55	60	46	45	40	41	52	42	42	54	41	40	34	48	43	46	46	54	55		50.0
MOLINE WSO AP	MAX	84	88	82	83	84	85	70	70	81	89	89	86	72	66	71	77	79	79	73	80	71	69	71	68	79	83	81	85	77	76		78.3
	MIN	68	64	61	59	53	59	47	45	49	61	57	61	54	45	39	40	42	51	46	50	42	36	37	44	47	44	53	50	54	47		50.2
MORRISON	MAX	86	83	86	79	81	84	82	67	69	78	88	86	84	70	65	70	77	78	76	72	79	69	70	70	66	78	84	80	83	80		77.3
	MIN	67	65	60	56	55	60	49	45	46	53	62	56	52	47	41	41	41	41	42	42	47	38	37	40	49	44	44	47	50	54		49.0
MOUNT CARROLL	MAX	85	83	85	78	79	83	80	66	69	77	85	85	84	69	61	69	75	77	75	70	79	67	67	69	64	75	81	80	82	77		75.9
	MIN	67	64	56	54	52	56	46	40	49	51	60	53	57	44	36	36	38	47	38	39	48	34	32	43	46	40	42	43	48	51		47.0
PAW PAW	MAX	83	82	85	78	77	81	82	67	67	77	85	84	82	71	64	69	73	74	73	69	76	68	76	68	70	78	80	80	82	83		76.1
	MIN	63	63	60	56	56	56	48	45	45	53	57	59	58	45	41	43	43	46	46	43	41	39	43	45	45	42	42	52	52	57		49.5
ROCHELLE	MAX	84	83	85	77	80	82	82	65	69	77																						
	MIN	63	64	64	52	52	53	47	42	42	44	50	58	57	44	40	39	43	42	43	41	39	40	35	43	43	43	45	48	50	56		47.4
ROCKFORD WSO AP	MAX	84	85	78	80	83	82	65	68	76	83	84	83	70	64	69	75	79	77	68	78	69	68	70	65	77	81	82	83	85	77		76.3
	MIN	69	64	59	54	57	57	46	42	46	62	62	58	52	46	40	42	43	50	41	43	44	41	37	43	46	43	51	50	55	48		49.7
STOCKTON 1 N	MAX	85	82	84	76	79	82	79	65	67	76	85	84	82	68	62	68	74	75	74	68	78	65	66	69	64	74	80	79	79	74		74.8
	MIN	68	64	58	53	55	59	48	40	44	52	59	58	55	45	42	44	45	51	37	42	45	32	32	40	48	45	47	46	53	48		48.5
TISKILWA 2 SE	MAX	86	87	90	81	85	82	78	74	79	89	88	85	78	66	71	78	79	79	75	79	74	71	72	76	80	84	81	85	85	77		79.8
	MIN	68	65	63	56	54	60	49	43	47	60	61	59	60	45	42	40	46	55	42	42	55	41	34	41	49	43	53	52	53	56		51.1
WALNUT	MAX	84	87	85	80	84	83	80	68	78	89	88	86	80	67	71	76	78	79	75	73	73	69	76	64	80	84	80	84	80	80		78.7
	MIN	67	65	60	56	57	61	47	45	48	60	62	61	60	44	41	47	47	55	47	47	47	40	44	47	51	50	57	55	56	60		52.8
■ ■ ■																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	84	83	84	74	76	83	81	62	65	73	80	85	82	70	63	69	76	78	76	68	78	67	65	67	67	76	81	79	83	80		75.2
	MIN	63	68	62	53	53	61	50	47	51	53	59	63	62	48	45	44	48	52	44	43	49	41	39	40	50	44	44	53	51	54		51.1
AURORA	MAX	83	86	79	79	84	82	69																									
	MIN	66	66	59	55	56	61	50	49	47	60	58	60	57	48	45	44	46	55	47	42	52	44	41	43	48	45	50	50	56	50		51.7
BARRINGTON	MAX	84	83	86	76	76	84	83	65	64	75	84	86	81	70	61	75	76	77	76	67	76	66	65	68	69	78	82	82	83	84		76.1
	MIN	68	68	63	54	56	59	50	49	50	54	62	63	62	48	45	50	45	55	46	48	50	41	39	41	49	44	48	48	49	52		51.9
CHICAGO O'HARE WSO AP	MAX	85	86	76	78	84	84	66	66	76	85	87	87	72	68	71	77	78	78	69	78	67	68	73	75	80	83	83	83	85	76		77.5
	MIN	68	70	61	56	57	62	53	51	48	63	65	64	61	49	47	47	52	57	50	48	55	44	43	48	52	51	59	51	58	48		54.6
CHICAGO UNIVERSITY	MAX	87	84	88	76	78	80	82	66	72	83	86	88	84	68	69	76	77	79	77	77	77	65	68	72	77	78	80	81	83	85		78.1
	MIN	69	69	66	60	63	65	56	55	51	63	64	65	65	54	50	52	55	61	56	50	61	55	48	50	54	52	59	59	61	61		58.3
CHGO MIDWAY WSCMO AP	MAX	83	86	76	74	81	81	67	62	74	84	85	82	72	66	70	74	77	78	65	77	65	65	66	73	78	80	80	81	83	72		75.2
	MIN	70	69	63	59	61	64	55	52	51	63	65	65	60	52	48	50	52	58	52	48	59	50	45	48	52	52	58	55	59	55		56.3
DE KALB	MAX	84	86	86	81	84	83	81	68	76	85	87	85	81	71	69	74	77	78	76	78	77	70	70	69	79	82	81	83	83	83		78.9
	MIN	68	68	62	54	58	61	50	46	49	61	61	62	62	48	47	42	44	53	43	46	53	41	39	46	50	45	54	53	57	58		52.7
ELGIN	MAX	84	82	83	77	78	82	81	65	64	75	84	84	82	69	63	69	75	76	76	68	75	66	64	68	69	78	81	80	81	83		75.4
	MIN	60	65	62	53	54	56	49	48	46	43	52	59	58	46	45	44	47	46	45	42	41	44	42	42	43	46	48	50	49	54		49.3
GEBHARD WOODS ST PARK	MAX	86	85	88	83	82	85	83	72	68	78	87	89	87	72	69	71	77	79	81	71	78	68	70	71	76	81	83	82	85	84		79.0
	MIN	66	67	63	53		59	50	45	46		62	59	60	49	42	42			46	44		42	43	44		45			53	49		51.3
JOLIET BRANDON RD DAM	MAX	85	84	87	81	79	83	82	70	64	76	86	87	84	72	67	71	76	79	79	69	78	65	66	69	75	81	83	81	84	84		77.6
	MIN	64	65	65	56	57	59	52	52	46	48	61	60	61	49	45	44	47	49	49	44	45	45	43	44	45	48	49	52	50	55		51.6
MARENGO	MAX	85	87	78	80	85	82	77	70	77	85	87	85	75	65	76	72	80	74	70	80	74	68	70	65	79	84	83	84	86	85		78.3
	MIN	67	67	60	51	53	61	47	44	47	58	59	61	58	47	44	42	47	52	41	45	51	39	37	42	48	42	48	65	58	56		51.2
OTTAWA	MAX	87		85	83	87	84	82	71		89	90	87	78	71	74	80	82	82	75	80	76	73	73	76	86	85	85	86	87	83		81.3
	MIN	68		64	55	59	63	52	45	48		63	60	62	49	46	44	47	56	46	44	58	43	39	45	48	46	55	54	57	58		52.6
PARK FOREST	MAX	86	84	85	78	76	84	83	68	64	75	86	87	82	72	67	70	76	78	79	68	77	64	64	70	76	81	83	78	82	84		76.9
	MIN	66	66	65	56	57	63	53	52	46	54	62	64	63	51	47	45	50	56	51	47	58	50	39	46	49	47	55	56	56	61		54.4
PERU 2 W	MAX	85	89	87	88	85	83	80	70	82	88	90	87	82		71	77	80	80	75	76	78	72	74	68	75	80	82	83	85	87		80.7
	MIN	66	67	63	53	66	64	45	45	50	61	62	60	61	46	40	44	44	56	42	46	45	46	34	39	46	42	52	52	53	55		51.5
WAUKEGAN	MAX	86	83	85	71	72	78	82	63	63	75	82	78	83	68	66	70	75	78	78	61	76	63	63	65	70	77	80	80	82	75		74.3
	MIN	62	66	63	54	53	56	50	50	48	52	60	63	61	49	46	45	48	51	45	43	45	47	41	46	46	45	44	54	52	56		51.4
WHEATON 3 SE	MAX	85	87	85	80	85	83	81	64	76	85	89	87	82	70	70	77	80	79	76	77	76	68	69	73	86	83	80	84	83	83		79.4
	MIN	65	67	63	53	57	60	52	49	45	60		59	62	50	43	42	54	51	45	42	56	40	36	42	48	48	50	48	54	58		51.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
■ ■ ■																																	
WEST 03																																	
GALESBURG	MAX	83	88	82	82	85	83	70	71	79	88	88	85	72	66	71	77	79	80	74	79	70	70	72	77	80	84	80	84	81	77		78.6
	MIN	67	66	65	58	60	61	49	49	51	58	60	63	55	44	40	45	45	43	50	48	50	41	40	47	52	49	57	55	60	56		52.8
GOLDEN 1 NW	MAX	81	89	89	87	87	85	82	76	84	89	88	91	80	70	70	80	81	85	79	81	75	73	74	83	85	88	86	88	85	81		82.4
	MIN	68	65	63	60	57	60	50	49	52	56	58	58	58	43	40	40	46	54	45	50	57	37	40	47	55	52	55	53	57	49		52.5
LA HARPE	MAX	83	90	87	85	87	85	74	74	82	89	90	86	78	70	70	79	80	83	77	80	73	73	73	82	84	86	82	87	81	81		81.0
	MIN	68	65	65	60	58	62	51	47	49	55	57	59	61	43	40	42	45	50	47	47	55	41	41	46	54	50	52	50	59	54		52.4
MONMOUTH	MAX	85	90	85	84	87	84	73	73	81	89	90	88	79	70	73	78	81	82	76	80	75	70	72	79	82	86	82	86	80	79		80.6
	MIN	67	64	60	58	56	61	48	44	48	56	56	58	59	41	40	41	44	52	44	46	53	38	37	45	49	49	53	52	58	53		51.0
QUINCY FAA AP	MAX	81	87	87	85	86	84	73	73	80	87	88	83	73	70	72	77	80	86	77	80	72	72	73	81	82	86	80	86	83	82		80.2
	MIN	68	68	67	64	60	60	52	50	54	59	60	62	57	49	44	46	50	56	46	51	49	43	43	49	58	54	58	56	59	54		54.9
QUINCY DAM 21	MAX	84	80	87	87	87	86	82	72	75	82	88	88	84	72	67	72	77	79	80	77	78	71	71	75	80	80	85	85	86	84		80.0
	MIN	66	65	66	62	58	58	54	50	50	53	53	56	58	47	43	41	41	44	49	49	46	45	43	43	46	52	51	55	51	54		51.6
RUSHVILLE	MAX	84	90	88	85	89	87	74	76	80	89	89	87	79	69	73	78	82	83	76	81	76	72	72	81	84	87	83	88	87	81		81.7
	MIN	67	65	62	60	59	59	50	45	54	56	57	61	61	45	38	41	48	52	46	52	59	36	43	47	57	52	56	53	57	52		53.0
■ ■ ■																																	
CENTRAL 04																																	
CHENOA	MAX	84	87	81	79	85	83	82	67	78	86	88	88	81	66	70	76	79	80	77	79	70	68	69	76	82	83	83	83	84	76		79.0
	MIN	64	65	65	56	57	53	51	45	44	56	63	60	62	48	42	45	50	54	49	44	59	43	36	39	49	45	52	53	57	59		52.2
DECATUR	MAX	87	88	88	89	89	87	76	76	82	88	93	87	85	72	74	82	82	86	80	80	69	76	78	81	88	88	88	86	86	81		83.1
	MIN	66	67	64	57	59	57	50	46	46	54	54	55	60	48	38	39	42	56	46	43	56	43	38	38	43	45	48	52	58	55		50.8
FARMER CITY	MAX	85	86	89	83	87	85	72	70	78	88	91	85	74	67	74	79	82	84	75	78	72	71	72	81	87	86	81	87	83	74		80.2
	MIN	66	66	59	62	62	59	53	46	48	53	56	59	62	49	40	43	45	55	49	46	57	47	41	41	47	51	52	54	57	60		52.8
HAVANA 4 NNE	MAX	91	87	90	87	88	89	87	75	76	83	89	93	89	75	71	75	80	82	85	78	82	70	72	75	82	86	87	84	87	87		82.7
	MIN	67	64	65	57	57	58	55	45	45	54	54	56	58	47	37	38	41	46	45	41	47	45	34	34	44	46	50	47	50	58		49.5
LACON 2 E	MAX	87	88	87	84	86	83	72	73	82	91	91	86	79	68	72	79	82	81	77	80	75	74	74	78	83	87	84	86	84	87		81.3
	MIN	69	66	64	56	56	62	50	44	47	60	59	60	60	47	43	43	46	57	46	42	58	42	37	42	49	46	55	54	58	55		52.4
LINCOLN	MAX	85	84	84	81	84	84	82	70	77	85	87	85	82	70	71	76	79	82	80	78	75	70	71	76	83	83	82	83	83	83		79.8
	MIN	65	66	67	59	63	60	53	48	47	54	57	60	62	49	42	42	46	56	52	46	58	45	42	43	48	53	53	55	59	57		53.6
MASON CITY 1 NW	MAX	85	87	83	82	86	85	80	72	79	87	90	87	78	70	72	78	81	83	79	80	75	72	72	79	84	81	83	85	85	82		80.7
	MIN	67	64	63	57	60	57	52	47	49	55	55	57	60	47	41	40	43	51	48	47	59	41	39	41	47	54	49	49	58	55		51.7
MINONK	MAX	88	89	88	89	90	88	86	88	87	85	82	92	94	90	76	70	72	82	80	74	79	72	71	71	78	81	79	80	81	84		82.2
	MIN	68	68	67	68	67	59	55	60	62	53	53	60	62	61		50	47	47	51	46	47	44	42	45	47	51	56	58	50	52		55.0
NORMAL	MAX	87	86	84	81	85	85	82	69	78	87	89	89	89	70	70	78	80	82	81	80	79	69	71	77	83	84	84	83	84	83		81.0
	MIN	70	66	66	58	62	61	52	46	52	59	56	63	62	48	39	41	51	56	50	54	59	45	41	43	49	51	56	60	63	60		54.6
PEORIA WSO AP	MAX	87	89	84	83	85	84	71	70	80	87	90	86	73	68	71	77	79	82	73	80	69	70	72	77	82	84	82	84	84	74		79.2
	MIN	65	64	63	60	60	58	51	46	48	56	56	59	56	43	41	43	45	51	49	46	50	43	41	44	52	49	53	54	58	54		51.9
PRINCEVILLE	MAX	85	86	86	82	86	84	72	72	79	87	89	84	78	67	70	77	80	80	73	77	72	68	71	69	81	82	87	86	85	78		79.1
	MIN	65	62	58	55	51	51	43	38	43	52	51	56	55	40	36	35	42	49	39	41	53	44	43	40	46	71	54	55	57	54		49.3
■ ■ ■																																	
EAST 05																																	
DANVILLE	MAX	86	85	88	85	85	85	82	70	76	85	86	85	83	73	71	77	80	84	81	77	76	70	78	78	84	85	81	83	84	80		80.8
	MIN	64	68	65	59	62	63	56	49	45	53	56	58	63	52	43	43	44	56	50	40	58	49	39	40	45	47	48	52	55	57		52.6
HOOPESTON 1 NE	MAX	84	83	85	80	84	82	72	66	74	85	86	84	75	68	70	76	79	82	71	76	66	69	70	76	82	83	80	81	83	75		77.6
	MIN	65	66	68	56	61	61	52	46	46	56	58	61	60	49	42	43	46	59	45	42	57	47	41	41	51	49	52	54	57	56		52.9
KANKAKEE WTR POLL CTR	MAX	86	83	84	83	80	85	81	66	68	72	87	84	83	74	76	78	79	80	80	71	78	74	73	70	77	81	83	81	84	85		78.9
	MIN	61	60	59	55	56	59	52	47	53	58	60	59	49	47	44	43	49	46	48	45	49	47	41	39	44	48	47	52	47	46		50.3
PIPER CITY 3 SE	MAX	85	87	84	81	86	82	80	68	77	87	90	86	82	68	72	77	80	83	72	80	75	70	70	79	85	85	81	85	85	80		80.1
	MIN	62	66	66	54	55	60	50	43	43	55	54	54	63	48	40	41	43	55	43	41	56	42	34	37	48	46	54	50	56	55		50.5
PONTIAC	MAX	85	90	86	80	85	85	83	76	78	88	91	87	83	68	72	78	79	82	78	75	77	68	69	78	82	83	83	83	83	74		80.3
	MIN	65	65	67	55	60	63	53	45	47	56	58	60	62	49	42	43	47	56	48	45	59	45	41	48	48	48	52	52	56	59		53.1
RANTOUL	MAX	86	88	85	87	81	86	85	83	67	76	86	88	85	74	68	66	77	80	82	74	77	75	68	70	77	78	81	85	83	80		79.3
	MIN	66		66	57		61	50	45	46		57	60		49	45	43	41	52	49	45		47	40	41	47	46			56			50.4
URBANA	MAX	86	84	86	81	85	84	72	68	76	85	88	85	76	69	70	77	79	83	72	77	67	69	70	78	83	84	81	83	84	76		78.6
	MIN	66	67	65	58	66	64	55	47	48	55	57	60	58	50	47	46	49	58	51	47	52	46	43	45	50	52	52	56	59	59		54.3
WATSEKA 2 NW	MAX	84	84	83	82	81	85	81	72	67	74	84	85	83	73	67	70	75	77	80	69	77	75	70	69	76	82	82	78	81	84		77.7
	MIN	63	62	65	54	54	58	53	46	45	48	54	55	59	50	38	40	43	45	42	42	45	44	36	36	39	45	47	48	55	51		48.7
■ ■ ■																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	86	84	85	87	85	86	86	75	74	78	88	88	83	76	69	72	77	79	83	79	76	68	74	73	79	85	84	83	85	85		80.4
	MIN	70	67	68	65	67	68	57	52	53	57	61	63	65	52	47	48	51	53	54	56	57	48	46	47	48	55	56	56	56	59		56.7
CARLINVILLE	MAX	86	87	88	85	85	86	81	73	80	88	89	83	78	71	72	78	81	85	79	78	73	74	73	79	89	86	84	86	89	85		81.7
	MIN	68	66	66	60	63	61	55	47	48	55	57	59	61	48	40	41	43	58	47	51	57	44	37	39	48	52	50	57	59	56		53.1
GRIGGSVILLE	MAX	81	85	86	83	85	85	77	70	78	84	88	84	75	69	71	76	78	83	75	78	69	70	71	79	85	85	81	85	85	80		79.4
	MIN	67	67	67	62	61	65	53	48	52	58	60	60	61	47	44	45	49	58	49	54	59	41	41	47	59	55	55	56	63	54		55.2
HILLSBORO	MAX																																
	MIN	60	60	58	60		64	55	50	49	53	57	61	62		45	43	45		51	50		43	40	41			49	55		58		52.6
JACKSONVILLE 2 E	MAX	85	83	85	87	83	87	85	73	72	78	86	88	83	73	69	71	79	79	84	77	79	67	72	72	79	85	85	82	85	85		79.9
	MIN	68	65	64	58	59	59	52	44	44	48	54	54	58	48	39	38	39	42	45	45	46	41	37	37	41	51	51	50	55	54		49.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	87	83	85	88	83	87	85	72	72	78	85	88	84	74	69	71	77	79	84	79	77	66	73	73	80	85	84	83	84	87		80.1
	MIN	66	63	61	59	59	57	53	43	48	50	51	53	56	48	38	37	38	51	44	47	56	46	33	36	44	52	46	44	56	53		49.6
PANA	MAX	86	82	85	81	83	84	78	68	75	84	85	82	76	68	69	73	78	82	75	75	68	70	70	75	80	81	80	81	84	80		77.9
	MIN	68	68	67	60	65	63	54	48	48	55	58	61	65	51	45	45	48	60	52	50	58	45	43	44	50	55	53	56	60	58		55.1
SPRINGFIELD WSO AP	MAX	86	87	88	84	86	87	75	74	81	88	91	85	76	71	73	78	82	85	77	82	67	74	73	80	87	87	85	87	89	80		81.5
	MIN	70	68	65	61	63	59	55	46	51	58	59	59	61	45	39	42	46	55	50	50	50	45	41	43	50	56	55	58	63	55		53.9
VIRDEN 1 N	MAX	85	85	88	84	86	86	78	74	80	85	90	87	82	70	73	79	80	80	85	78	67	73	73	80	85	86	84	84	89	88		81.5
	MIN	66	63	63	68	60	57	54	46	46	55	57	57	62	46	39	39	44	46	47	47	58	40	37	39	46	54	52	55	63	55		52.0
WHITE HALL 1 E	MAX	84	84	87	85	86	85	83	71	77	85	88	86	80	71	70	76	80	83	81	78	75	75	72	80	85	85	82	84	84	86		80.9
	MIN	67	64	64	63	62	61	54	51	50	54	57	60	61	49	40	40	45	52	52	50	59	46	43	44	53	57	52	49	59	57		53.8
• • •																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	85	84	87	87	87	86	84	74	75	84	86	85	82	74	72	75	79	84	82	75	72	72	71	78	83	84	81	82	83	81		80.5
	MIN	68	68	66	61	65	64	55	49	47	56	57	61	64	51	43	44	47	63	58	50	60	49	41	41	48	50	52	58	62	60		55.3
EFFINGHAM 3 W	MAX	84	85	82	85	82	85	84	72	67	73	80	82	83	77	68	69	72	77	81	72	74	69	70	68	74	78	80	78	80	82		77.1
	MIN	63	67	63	62	62	61	56	47	45	46	52	54	59	52	42	41	41	44	51	48	50	49	40	39	39	44	48	48	58	58		51.0
FLORA 5 NW	MAX	86	85	88	86	87	87	81	70	76	83	85	86	77	72	70	75	78	83	77	76	69	72	71	78	81	82	80	82	85	86		79.8
	MIN	65	68	63	64	64	62	55	46	44	49	53	55	62	58	40	39	44	61	46	45	58	48	39	37	44	50	48	55	61	55		52.6
MATTOON	MAX	86	84	88	84	86	85	73	68	75	84	86	85	76	69	70	75	80	84	75	77	68	71	71	78	82	84	81	83	85	81		79.1
	MIN	62	63	63	60	60	64	54	48	48	56	58	60	61	51	45	45	47	60	50	50	56	47	41	41	48	51	51	51	54	51		53.2
MOWEAQUA	MAX	88	89	88	83	86	86	80	74	76	86	78	86	80	69	71	78	80	86	77	80	69	72	72	79	83	85	82	85	86	84		80.6
	MIN	68	68	64	60	63	54	48	50	47	54	48	59	63	50	38	42	47	58	56	48		44	42	42	47	54	52	55	59	58		53.0
NEWTON 6 SSE	MAX	87	87	84	90	86	87	87	75	69	77	83	88	87	77	72	71	77	81	84	77	76	67	72	72	78	82	85	81	82	83		80.1
	MIN	62	62	63	63	64	64	55	48	46	49	51	53	59	53	43	41	43	45	49	47	48	50	40	39	41	44	48	50	60	56		51.2
OLNEY 2 S	MAX	88	84	89	87	87	87	83	72	77	82	85	86	82	73	72	77	82	82	77	77	70	73	73	78	82	82	79	82	84	87		80.6
	MIN		66	65	68	66	66	59	52	46	52	55	61	62	55	41	42	47	62	51	50	62	52	42	41	46	48	52	56	60	54		54.4
PALESTINE	MAX	87	82	88	85	87	87	77	69	74	85	87	88	76	72	71	75	81	83	76	77	66	76	70	77	81	84	77	82	84	85		79.6
	MIN	66	70	65	66	67	67	57	50	46	53	57	58	66	55	43	43	45	65	52	48	58	53	42	40	46	49	49	63	61	62		55.4
PARIS WATERWORKS	MAX	86	86	88	84	86	85	77	67	77	84	86	86	78	69	70	76	80	83	74	77	69	72	72	77	82	83	78	82	84	82		79.3
	MIN	66	67	67	60	64	64	54	47	45	57	57	60	64	51	41	44	46	61	51	47	59	48	40	41	48	49	52	56	60	61		54.2
SALEM	MAX	88	83	88	85	85	87	82	72	76	84	86	86	80	72	71	75	81	83	78	75	70	73	71	78	82	83	82	84	86	85		80.4
	MIN	68	70	66	65	67	62	57	53	49	53	57	60	64	53	46	44	49	63	54	53	60	50	45	44	49	54	53	59	60	59		56.2
TUSCOLA	MAX	86	86	88	84	88	88	85	73	77	86	89	85	77	77	73	77	80	85	74	78	70	72	70	80	85	85	80	84	85	84		81.0
	MIN	67	65	64	59	65	62	54	47	46	51	55	58	63	43	44	43	47	59	52	45	58	52	43	39	45	47	54	54	57	53		53.0
VANDALIA 3 SW	MAX	90	86	90	90	90	89	78	75	75	85	87	86	86	78	76	75	78	81	86	79	76	74	75	74	83	83	86	87	88	87		82.4
	MIN	70	65	65	65	64	61	53	49		56		60		50	41	39			48			44	37	39		54	60	60	62	61		54.7
WINDSOR	MAX	87	83	88	85	86	86	81	72	78	85	89	87	81	71	72	78	80	85	84	79	73	72	74	80	85	85	84	84	85	81		81.3
	MIN	67	66	65	58	60	60	55	44	47	56	59	61	62	51	41	44	50	62	49	51	58	46	38	41	50	53	55	57	60	56		54.1
• • •																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	86	88	90	90	87	89	80	72	79	84	86	85	86	75	71	75	82	80	80	72	66	72	71	76	80	80	81	82	83	85		80.4
	MIN	67	67	67	68	67	66	62	52	49	53	59	61	61	58	47	47	54	63	55	56	52	50	46	48	50	57	55	57	59	60		57.1
BELLEVILLE SO ILL UNIV	MAX	87	87	88	88	87	88	87	74	78	85	86	85	84	74	71	76	81	84	84	78	75	76	75	79	84	85	84	85	90	88		82.4
	MIN	67	66	66	60	62	58	56	52	46			52	58	52	38	38	42	56	47	49	58	47	36	37	44	53	45	49	58	56		51.7
CAHOKIA	MAX		88	89	89	93	90	91	78	75	83	90	85	89	78	70		79	82	88	82			75	75	81	87	86	86	86	90		84.1
	MIN	69	64	65	63	64	60	52	48	51	55	57	62	62	55	41	45	42	54	48	52	52	50	39	40	49	56	49	49	54	55		53.4
CAIRO WSO CI	MAX	87	86	89	90	89	90	82	75	79	84	86	87	74	74	72	77	83	78	83	74	68	73	72	75	79	80	80	82	83	84		80.5
	MIN	72	71	74	73	73	70	65	59	57	62	66	67	70	61	56	56	62	68	64	65	61	55	53	54	56	57	61	64	65	66		63.4
CARBONDALE SEWAGE PL	MAX	85	86	87	89	89	87	89	79	72	77	85	86	87	76	71	71	75	81	82	80	74	65	73	71	76	79	79	86	81	83		80.0
	MIN	65	65	64	62	63	61	58	51	45	45	50	54	56	52	39	39	40	48	48	51	54	49	39	39	40	44	48	47	58	55		51.0
CARLYLE RESERVOIR	MAX	88	89	85	89	84	87	90	75	70	77	85	85	86	75	71	71	74	79	85	85	75	69	73	72	71	74	84	82	85	87		80.1
	MIN	69	68	66	63	65	63	55	51	53	54	57	61	64	51	41	45	48	54	50	50	58	47	49	49	46	45	57	56	56	57		54.9
DU QUOIN 4 SE	MAX	89	90	88	86	86	88	76	71	78	86	87	88	76	76	75	75	83	84	79	78	66	72	70	77	81	81	80	84	87	86		80.8
	MIN	67	68	65	66	65	63	53	51	46	50	55	56	59	48	46	41	47	58	52	54	55	50	43	41	46	49	49	57	61	51		53.7
KASKASKIA R NAV LOCK	MAX	88	88	86	91	90	90	86	74	73	79	84	86	86	75	72	71	75	81	85	80	73	67	72	72	76	81	82	82	85	87		80.6
	MIN	70	66	66	64	63	62	57	61	49	50	54	58	58	49	44	44	42	49	50	53	55	50	44	43	43	53	50	50	53	55		53.2
MARION 4 NNE	MAX	89	88	88	89	89	88	89	80	72	80	86	87	89	74	72	72	76	84	82	81	75	65	74	73	78	81	82	80	85	84		81.1
	MIN	67	67	66	66	66	63	60	53	48	48	52	56	57	54	45	42	42	52	50	50	56	50	45	41	42	48	50	53	60	60		53.6
NASHVILLE 4 NE	MAX	86	85	88	86	85	86	82	72	76	86	86	86	79	73	69	74	81	82	77	76	72	72	71	77	81	82	80	84	86	84		80.1
	MIN	69	68	66	64	65	64	57	49	50	57	61	61	65	52	46	48	56	61	53	56	59	47	45	49	53	58	56	57	62	59		57.1
SPARTA	MAX	86	86	90	88	87	88	83	74	79	87	88	88	80	72	74	76	83	84	83	75	70	74	73	79	83	83	83	86	88	86		81.9
	MIN	69	67	67	64	66	64	58	50	48	54	61	58	62	53	42	43	50	60	51	56	60	47	44	44	52	55	55	56	63	58		55.9
WATERLOO	MAX	89	86	86	91	87	88	89	77	75	80	88	87	85	75	72	72	76	82	85	79	75	69	74	73	79	84	84	83	85	89		81.5
	MIN	69	65	65	61	62	62	56	52	48	53	58	60	62	49	42	44	51	55	51	56	58	46	46	44	50	56	54	55	60	55		54.8
• • •																																	
SOUTHEAST 09																																	
ALBION	MAX	89	86	87	86	87	88	87	77	77	86	86	88	87	72	73	75	83	83	83	77	76	72	73	78	82	82	81	81	85	86		81.8
	MIN	67	67	68	67	68	67	60	52	50	56	56	64	65	55	46	50	53	63	54	55	55	52	48	48	54	55	55	60	60	61		57.7
BROOKPORT DAM 52	MAX	88	87	90	89	89	88	86	78	78	87	85	87	81	72	71	74	81	77	79	74	69	73	72	76	78	79	79	82	83	85		80.6
	MIN	68	67	64	70	67	64	65	54	50	54	58	61	65	56	47	48	53	64	50	56	59	52	46	44	50	53	52	60	59	60		57.2
DIXON SPRINGS AGR C	MAX	87	86	88	88	89	87	87	79	77	84	85	85	84	71	71	74	81	80	78	78	70	72	72	77	79	80	80	81	82	83		80.5
	MIN	67	67	65	67	68	63	64	54	48	52	56	57	65	55	47	42	52	64	55	56	60	53	45	42	52	49	53	58	62	59		56.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	86	84	90	88	86	85	83	74	77	84	86	87	85	70	71	75	83	83	80	76	72	72	72	77	80	81	79	83	84	85		80.6
	MIN	66	68	64	66	68	66	60	50	46	50	55	59	62	54	44	43	49	61	51	52	61	51	41	38	47	50	53	56	61	54		54.9
HARRISBURG	MAX	90	89	90	89	88	90	82	73	78	87	87	88	78	73	72	75	83	82	80	76	72	74	73	78	80	81	81	83	85	86		81.4
	MIN	67	68	68	66	66	65	63	53	47	52	57	57	65	56	47	43	51	65	53	55	61	53	44	42	48	51	50	59	59	56		56.2
MC LEANSBORO 2 ENE	MAX	88	89	89	89	87	88	88	79	71	77	86	88	89	76	73	72	76	84	84	80	77	66	72	73	77	82	82	80	84	85		81.0
	MIN	65	66	67	65	65	62	58	49	46	48	52	57	60	53	44	44	49	50	52	53	55	51	44	43	44	49	51	53	59	60		53.8
MT CARMEL	MAX	88	87	85	89	87	88	88	80	70	77	85	86	88	75	74	71	76	82	82	78	77	66	72	71	75	79	81	77	79	84		79.9
	MIN	67	69	69	69	69	68	63	53	50	50	57	60	63	57	47	48	47	52	55	54	57	54	47	46	46	51	53	56	63	62		56.7
MT VERNON 3 NE	MAX	87	88	82	79	80	82	80	81	76	78	76	82	81	78	79	81	80	78	78	72	74	72	70	74	75	75	76	78	76	78		78.2
	MIN	72	71	71	62	62		68			52	55		64	60				59	59	58	52		46			58	59	60	62	60		
RENO LAKE DAM	MAX	89	88	86	87	85	87	88	76	72	78	85	85	88	76	72	70	76	83	83	79	76	66	72	71	77	80	82	81	84	85		80.2
	MIN	69	68	67	67	70	64	61	56	52	55	55	59	64	54	46	47	54	56	57	56	57	51	50	46	46	54	54	57	60	60		57.1
ROSICLARE	MAX	86	83	87	86	85	86	81	75	75	80	83	82	78	70	68	72	80	76	76	72	68	71	69	73	75	78	78	77	80	82		77.7
	MIN	67	68	68	67	66	66	67	53	48	54	59	58	63	56	46	49	52	63	55	58	53	54	49	43	49	52	52	56	52	60		56.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	79	79	79	79	79	78	77	76	76	75	73	75	75	75	73	73	73	71	73	73	70	67	70	75	74	75	72	76	71	71		74.4
		MIN	72	72	72	72	72	73	71	68	68	68	67	69	70	66	65	67	63	63	65	65	63	63	61	60	60	61	63	63	63	64		66.3
	8	MAX	76	76	77	77	76	77	76	75	73	72	72	73	74	73	71	70	70	69	71	70	69	68	68	68	67	68	69	69	69	68		71.7
		MIN	65	65	76	76	75	75	75	72	71	69	70	71	72	71	68	68	67	67	69	68	67	67	67	65	64	66	66	66	66	68		69.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																														TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • • NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.21	.18	.17	.22	.26	.11	.25	.14	.18	.14	.12	.35	.09	.14	.14	.14	.22	.20	.41	-	.18	.19	.28	.22	.26	.15	.15	.15	.28	.21		5.948
	WIND	21	23	28	20	12	11	42	30	19	35	38	11	20	62	44	28	16	24	37	13	29	23	22	24	13	9	9	19	15	28		725
	MAX	94	93	94	93	92	92	90	78	82	84	90	93	93	80	72	78	84	85	84	84	88	86	82	84	84	90	84	83	91	86		86.4
	MIN	72	68	68	65	63	64	58	53	53	55	61	65	65	51	50	50	52	54	54	52	55	50	41	47	51	53	52	57	57	59		56.5
• • • EAST 05																																	
URBANA	EVAP	.17	.16	.14	.13	.17	.14	.21	-	-	-	-	-	-	-	-	-	-	.15	.22	.16	.12	.08	.10	.19	.10	.14	.14	.11	.13	.10		-
	WIND	19	29	29	30	17	15	45	40	26	25	34	16	15	60	50	13	13	32	40	21	25	42	19	22	12	13	15	20	29	19		785
	MAX	90	90	90	90	90	89	88	77	-	-	-	-	-	-	-	-	81	78	83	76	73	65	72	73	75	78	80	75	80	80		80.6
	MIN	65	63	62	60	59	63	54	48	-	-	-	-	-	-	-	-	49	50	51	47	47	55	46	44	44	49	51	52	56	55		53.2
• • • WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.10	.16	.29	.23	.07	.24	.30	.20	.23	.22	.19	.30	.21	.36	.18	.17	.20	.24	.21	.32	.16	.13	.24	.27	.11	.19	.26	.22	.19	.17		6.36
	WIND	55	30	30	39	21	39	57	45	52	46	26	25	53	95	33	13	20	41	40	37	52	51	44	23	16	20	45	32	40	37		1157
	MAX	89	88	90	92	90	88	82	81	83	89	93	87	83	75	74	82	85	85	83	78	77	77	77	81	82	85	82	86	92	83		84.0
	MIN	70	68	70	62	65	64	57	51	53	58	63	65	65	52	42	52	55	59	54	52	61	48	45	50	50	58	57	61	49	60		57.2
• • • SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.25	.17	.15	.20	.20	.18	.23	.30	.21	.20	.20	.21	.17	.23	.28	.17	.21	.14	.25	.24	.09	.11	.12	.11	.15	.24	.19	.20	.26	.14		5.80
	WIND	39	56	17	29	46	25	51	101	72	34	43	23	22	138	82	36	27	33	49	48	41	105	76	42	22	30	27	30	62	29		1435
	MAX	92	90	90	93	95	93	90	81	77	83	86	89	87	74	74	76	79	82	86	81	72	64	63	83	80	83	84	84	83	84		82.6
	MIN	69	68	68	65	67	64	57	51	52	52	54	61	65	51	44	46	50	55	53	51	55	47	45	46	49	53	58	58	59	60		55.8

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY WSCMO AP R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560				C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS D B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 06	89 59	700	8A	8A			RONALD MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			BEN SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
RENO LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	5P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	C GH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

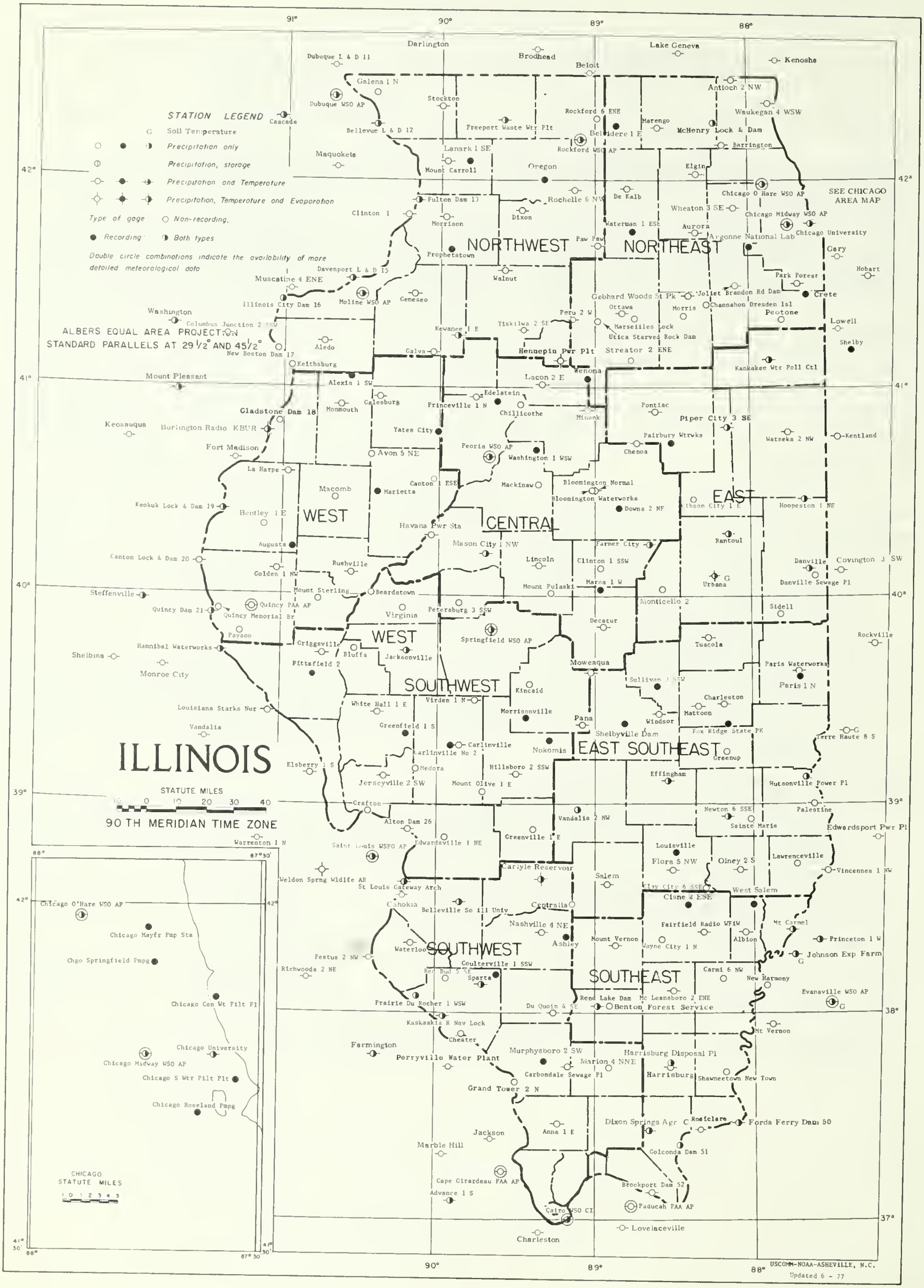
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Beloit
Dubuque L & D 11
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton
Cascade
Rockford 6 ENE
Waukegan 4 WSW
Bellevue L & D 12
Freeport Waste Wtr Plt
Marengo
McHenry Lock & Dam
Belvidere 1 E
Barrington
Rockford WSO AP
Lanark 1 SE
Maquoketa
Mount Carroll
Oregon
Elgin
Fulton Dam 13
Rochelle 6 NW
De Kalb
Chicago O Hare WSO AP
Clinton 1
Dixon
Wheaton 3 SE
Chicago Midway WSO AP
Morrison
Aurora
Chicago University
Waterman 1 ESE
Argonne National Lab
Paw Paw
Gary
Prophetstown
Davenport L & D 15
Walnut
Hobart
Muscatine 4 ENE
Park Forest
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Moline WSO AP
Geneseo
Illinois City Dam 16
Channahon Dresden Isl
Ottawa
Morris
Washington
Peru 2 W
Peotone
Columbus Junction 2 SSW
Marseilles Lock
Lowell
Tiskilwa 2 SE
Kewanee 1 E
Utica Starved Rock Dam
Aledo
Shelby
Galva
Hennepin Pwr Plt
Streator 2 ENE
New Boston Dam 17
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville 1 N
Monmouth
Chillicothe
Pontiac
Gladstone Dam 18
Minonk
Keosauqua
Burlington Radio KBUR
Piper City 3 SE
Yates City
Fairbury Wtrwks
Watseka 2 NW
Kentland
Fort Madison
Avon 5 NE
Peoria WSO AP
Chenoa
Washington 1 WSW
La Harpe
Canton 1 ESE
Mackinaw
Bloomington Normal
Macomb
Marietta
Bloomington Waterworks
Keokuk Lock & Dam 19
Gibson City 1 E
Hoopeston 1 NE
Bentley 1 E
Downs 2 NE
Havana Pwr Sta
Rantoul
Augusta
Mason City 1 NW
Farmer City
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Rushville
Golden 1 NW
Urbana
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
Steffenville
Mount Sterling
Beardstown
Monticello 2
Quincy PAA AP
Petersburg 3 SSW
Sidell
Quincy Dam 21
Virginia
Quincy Memorial Br
Decatur
Payson
Springfield WSO AP
Tuscola
Rockville
Hannibal Waterworks
Griggsville
Bluffs
Jacksonville
Shelbina
Moweaqua
Paris Waterworks
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Louisiana Starks Nur
Mattoon
Windsor
Morrisonville
Pana
Greenfield 1 S
Fox Ridge State PK
Terre Haute 8 S
Vandalia
Shelbyville Dam
Carlinville
Nokomis
Carlinville No 2
Greenup
Medora
Hillsboro 2 SSW
Elsberry 1 S
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Vandalia 2 NW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Saint Louis WSPO AP
Edwardsville 1 NE
Louisville
Flora 5 NW
Olney 2 S
Lawrenceville
Carlyle Reservoir
Salem
Vincennes 1 NW
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
West Salem
Cisne 2 ESE
Cahokia
Belleville So Ill Univ
Centralia
Fairfield Radio WFIW
Mt Carmel
Nashville 4 NE
Albion
Princeton 1 W
Mount Vernon
Ashley
Johnson Exp Farm
Waterloo
Wayne City 1 N
Festus 2 NW
Coulterville 1 SSW
Red Bud 5 SE
Richwoods 2 NE
Carmi 6 NW
Sparta
New Harmony
Evansville WSO AP
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Rend Lake Dam
Mc Leansboro 2 ENE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Dixon Springs Agr C
Rosiclare
Forda Ferry Dam 50
Jackson
Anna 1 E
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Charleston
Lovelaceville
88°
87°30'
42°
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE

112: 84/10

OCTOBER 1979 VOLUME 84 NUMBER 10

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	90	DATE 09+
LOWEST TEMPERATURE:	2 STATIONS	19	DATE 26
GREATEST TOTAL PRECIPITATION:	PEOTONE	4.64	
LEAST TOTAL PRECIPITATION:	PIPER CITY 3 SE	.77	
GREATEST 1 DAY PRECIPITATION:	JERSEYVILLE 2 SW	2.10	DATE 18
GREATEST TOTAL SNOWFALL:	5 STATIONS	T	

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	34	SW	08	-	-	-	-	0	1	3	0	1	0	5	54	-
CHICAGO O HARE WSO AP	23	4.4	10.9	30++	17	31	73	76	54	60	9	6	2	1	0	0	18	-	7.0
CHICAGO MIDWAY WSCMO AP	22	4.3	11.2	31	SE	31	71	77	59	62	5	7	4	1	0	0	17	50	7.0
MOLINE WSO AP	25	3.5	11.4	30	SE	31+	78	82	55	60	4	4	5	0	1	0	14	53	6.3
PEORIA WSO AP	22	3.7	10.6	30	S	31+	78	86	58	62	5	4	6	0	0	0	15	59	6.5
ROCKFORD WSO AP	24	2.7	11.2	36++	16	31	86	88	61	69	2	9	4	0	0	0	15	-	7.3
SPRINGFIELD WSO AP	22	4.2	11.6	38	SE	31	75	83	54	60	7	6	2	1	0	0	16	56	6.0

CLEMSON UNIVERSITY LIBRARY
JAN 18 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
STATION	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS •	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																							
NORTHWEST 01																							
ALEDO	66.2	42.2	54.2	- 1.0	85	21+	26	13	347	0	0	4	0	2.59	- .46	1.00	22	.0	0		6	2	1
DIXON 3 W	60.8	39.5	50.2	- 4.1	83	22	23	26	469	0	0	8	0	3.16	.53	1.38	16	T	0		5	2	1
FREEPORT WASTE WTR PLT	61.6	38.7	50.2		82	22	22	26	464	0	0	8	0	3.21		1.20	19	.0	0		6	2	1
FULTON DAM 13	62.4	42.7	52.6	- 2.1	82	22	27	26	394	0	0	3	0	3.56	.98	1.00	16	.0	0		5	4	1
GALVA	63.3	41.8	52.6	- 2.5	85	22	26	26	396	0	0	6	0	1.67	- 1.38	.84	2	.0	0		2	2	0
GENESEO	63.5	43.3	53.4		85	21	26	26	377	0	0	4	0	2.72	.03	.69	1	.0	0		7	2	0
HENNEPIN POWER PLANT	66.1M	41.4	53.8M		88	22	19	26	368	0	0	10	0	.91		.58	2	.0	0		2	1	0
KEWANEE 1 E	62.8	40.8	51.8	- 3.0	86	22	22	26	417	0	0	9	0	1.64	- 1.55	.84	2	.0	0		3	1	0
MOLINE WSO AP R	63.9	40.2	52.1	- 2.3	84	21+	25	26	415	0	0	12	0	2.51	- .18	1.05	22	T	0		6	1	1
MORRISON	62.9	39.6	51.3	- 3.2	84	22	23	26	436	0	0	10	0	3.32	.84	1.08	16	.0	0		5	4	1
MOUNT CARROLL	61.4	36.4	48.9	- 4.3	81	22	19	26	500	0	0	14	0	2.84	.45	1.02	19	.0	0		5	3	1
PAW PAW	61.0M	39.0M	50.0M		82	22	25	27+	472	0	0	7	0	3.00	.03	1.27	16	.0	0		4	2	2
ROCHELLE	M	35.4M	M		82	22	22	27+		0	0	13	0	1.97		.59	16	.0	0		7	1	0
ROCKFORD WSO AP //R	61.0	40.5	50.8	- 1.9	80	21	22	26	450	0	0	5	0	1.55	- 1.30	.38	1	T	0		4	0	0
STOCKTON 1 N	59.8	38.2	49.0		80	22	20	26	496	0	0	11	0	3.39		.83	19	.0	0		7	3	0
TISKILWA 2 SE	65.8	42.6	54.2		86	21	21	26	352	0	0	4	0	1.56	- 1.26	.54	22	.0	0		4	1	0
WALNUT	65.2	42.6	53.9	- 1.1	84	21	22	26	351	0	0	5	0	1.98	- .68	.44	2	.0	0		8	0	0
DIVISION			51.8	- 2.3										2.45	- .25			T					
* * *																							
NORTHEAST 02																							
ANTIOCH 2 NW	59.5	39.6	49.6	- 3.6	78	22	22	27	484	0	0	7	0	1.49	- .83	.58	2	.0	0		5	1	0
AURORA		40.9	M				24	26				6	0	1.57	- 1.07	.94	2	.0	0		3	1	0
BARRINGTON	60.1M	40.3	50.2M		80	22	22	26	463	0	0	7	0	1.53		.80	2	.0	0		2	2	0
CHICAGO O'HARE WSO AP R	62.7	43.9	53.3	- .5	84	21	27	26	382	0	0	4	0	1.49	- .83	.63	2	.0	0		3	1	0
CHICAGO UNIVERSITY //	63.1	47.1	55.1	- .9	82	22	33	26+	325	0	0	0	0	1.50	- 1.05	.98	2	.0	0		3	1	0
CHGO MIDWAY WSCMO AP //R	62.0	45.5	53.8	- 1.6	84	21	30	26	367	0	0	2	0	1.81	- .81	.69	1	.0	0		5	1	0
DE KALB	63.2	43.0	53.1	- .1	82	22+	21	26	380	0	0	3	0	1.39	- 1.46	.46	1	T	0		5	0	0
ELGIN	59.5M	38.9M	49.2M		80	22	24	27+	491	0	0	7	0	1.48	- 1.03	.75	2	.0	0		4	1	0
GEBHARD WOODS ST PARK	63.4	38.6M	51.0M		84	22+	22	26	465	0	0		0	2.08		1.08	2	.0	0		4	2	1
JOLIET BRANDON RD DAM	63.1M	41.1	52.1M	- 2.9	84	22	24	27+	411	0	0	7	0	2.59	- .10	1.22	2	.0	0		3	2	1
MARENGO	62.8	39.9	51.4	- 1.5	81	21	20	26	434	0	0	6	0	1.37	- 1.10	.55	20	.0	0		4	1	0
OTTAWA	67.5M	44.5M	56.0M	.0	87	21	24	26	303	0	0	3	0	1.27	- 1.14	.44	2	.0	0		4	0	0
PARK FOREST	62.4	40.8	51.6		83	22	24	26	419	0	0	6	0	2.71	- .06	1.46	2	.0	0		3	2	1
PERU 2 W	67.8	42.2	55.0	- .3	87	21	23	26	327	0	0	4	0	1.73	- .77	.85	2	.0	0		5	1	0
WAUKEGAN	59.3	40.0	49.7	- 4.1	81	22	24	27	483	0	0	6	0	2.15	- .22	1.23	2	.0	0		5	1	1
WHEATON 3 SE	63.3	42.0	52.7		82	21	21	26	399	0	0	5	0	1.69	- .92	1.54	2	.0	0		2	1	1
DIVISION			52.3	- 2.3										1.74	- .82			T					
* * *																							
WEST 03																							
GALESBURG	64.4	41.6M	53.0M		85	21+	25	13	385	0	0	5	0	1.58	- 1.39	.85	23	.0	0		3	1	0
GOLDEN 1 NW	69.7	44.4	57.1		88	21	23	13	273	0	0	5	0	2.04	- .99	.66	22+	.0	0		5	2	0
LA HARPE	68.0M	43.3M	55.7M	- .6	87	21+	25	13	312	0	0	6	0	1.97	- 1.22	.64	22	.0	0		6	2	0
MONMOUTH	66.0	43.7	54.9	- .6	85	21	26	13	327	0	0	4	0	2.35	- .68	1.11	22	.0	0		6	1	1
QUINCY FAA AP	67.9	45.0	56.5		87	20	28	13	291	0	0	2	0	2.23	- .94	.58	22	.0	0		5	2	0
QUINCY DAM 21 //	67.9	41.0M	54.5M		87	22+	26	14	344	0	0	9	0	2.68	- .22	1.05	19	.0	0		6	1	1
RUSHVILLE	68.1	43.3	55.7	- .9	87	21+	25	13	304	0	0	7	0	2.55	- .45	.81	22	.0	0		5	3	0
DIVISION			55.3	- 1.2										2.20	- .83			.0					
* * *																							
CENTRAL 04																							
CHENOA	65.3	42.3	53.8		87	21	21	26	363	0	0	5	0	.82		.37	22	.0	0		4	0	0
DECATUR	68.5	41.8	55.2	- 2.2	88	21	22	14	327	0	0	7	0	1.22	- 1.86	.57	23	.0	0		4	1	0
FARMER CITY	66.6M	42.3M	54.5M		85	21	25	26+	344	0	0	6	0	1.40		.53	23	.0	0		4	1	0
HAVANA 4 NNE	67.3	41.5	54.4		88	22	22	14	348	0	0	8	0	1.95	- .93	.51	23	.0	0		8	1	0
LACON 2 E	66.7	42.3	54.5		88	21	21	26	352	0	0	5	0	1.35		.47	2	.0	0		5	0	0
LINCOLN	67.3	44.5	55.9	- .3	87	21	26	14	302	0	0	5	0	1.18	- 1.68	.62	23	.0	0		3	1	0
MASON CITY 1 NW	67.4	42.6	55.0		87	21	24	14	326	0	0	4	0	1.38		.48	22	.0	0		5	0	0
MINONK	66.8	41.0	53.9	- 1.1	88	22	27	26	366	0	0	8	0	1.47	- 1.10	.65	2	.0	0		4	1	0
NORMAL	67.3	44.0	55.7	- 1.2	86	21	26	26+	320	0	0	6	0	1.57	- 1.21	.49	16	.0	0		4	0	0
PEORIA WSO AP //R	64.0	41.2	52.6	- 2.4	86	21	25	26	401	0	0	7	0	1.70	- .81	.44	22	.0	0		6	0	0
PRINCEVILLE	67.0	42.5	54.8		88	21	24	26	341	0	0	5	0	1.66	- .85	.55	22	.0	0		5	1	0
DIVISION			54.6	- 1.5										1.43	- 1.33			.0					
* * *																							
EAST 05																							
DANVILLE	67.2	43.9	55.6	.3	85	21+	24	26	315	0	0	6	0	1.68	- 1.45	.60	2	.0	0		4	1	0
HOOPESTON 1 NE	64.8	43.0	53.9	- 1.7	84	21	23	26	356	0	0	5	0	.89	- 2.06	.44	23	.0	0		2	0	0
KANKAKEE WTR POLL CTR	65.1	41.5	53.3		84	22	25	25	375	0	0	3	0	2.08		.82	2	.0	0		4	2	0
PIPER CITY 3 SE	66.6	42.2	54.4	- 1.0	86	21+	22	26+	347	0	0	6	0	.77	- 1.91	.29	2	T	0		2	0	0
PONTIAC	66.3	43.3	54.8	- 1.2	85	21	24	26	336	0	0	5	0	1.15	- 1.35	.60	2	.0	0		2	1	0
RANTOUL	67.1M	41.0M	54.1M		85	22+	26	14	343	0	0	8	0	1.66	- 1.19	.73	2	.0	0		5	2	0
URBANA	64.6	44.4	54.5	- 1.8	84	22	30	27+	342	0	0	3	0	1.57	- 1.36	.48	23	.0	0		3	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
WATSEKA 2 NW	63.5	39.2	51.4		84	22	20	27	435	0	0	9	0	2.01	- .76	1.15	2	.0	0		5	1	1
OIVISION			54.0	- 1.6										1.48	- 1.33			T					
* * *																							
WEST SOUTHWEST 06																							
ALTON OAM 26	67.7	44.9	56.3		85	22+	32	14	293	0	0	1	0	1.75		.54	16	.0	0		4	1	0
CARLINVILLE	69.4	44.3	56.9	- .7	88	1	24	14	283	0	0	7	0	1.55	- 1.31	.63	22	.0	0		4	1	0
GRIGGSVILLE	67.5	46.1	56.8	- 1.0	87	21	27	13	276	0	0	3	0	1.52	- 1.66	.37	22	.0	0		5	0	0
HILLSBORO	70.3	42.2	56.3	- 1.4	89	1	23	24	292	0	0	7	0	2.13	- .87	.88	15	.0	0		5	2	0
JACKSONVILLE 2 E	66.8	41.5M	54.2M	- 3.0	86	22	24	14	358	0	0	10	0	1.01	2.26	.46	23	.0	0		4	0	0
JERSEYVILLE 2 SW	67.9	41.4	54.7		86	9	20	14	341	0	0	7	0	4.45		2.10	18	.0	0		7	3	2
PANA	65.8	45.8	55.8	- 1.4	84	21	29	26+	306	0	0	4	0	1.84	- 1.01	.55	23	.0	0		6	1	0
SPRINGFIELO WSO AP R	67.9	43.5	55.7	- .9	89	21	27	14+	323	0	0	5	0	1.34	- 1.74	.58	22	.0	0		3	1	0
VIROEN 1 N	68.8	43.9	56.4		87	21	26	26+	290	0	0	5	0	1.17	- 1.79	.58	23	.0	0		4	1	0
WHITE HALL 1 E	68.8	43.4M	56.1M	- 1.8	87	21	26	14	299	0	0	5	0	1.24	- 1.88	.36	16	.0	0		5	0	0
OIVISION			55.9	- 1.7										1.80	- 1.15			.0					
* * *																							
EAST SOUTHEAST 07																							
CHARLESTON	67.9	44.9M	56.4M	- 1.1	85	21	26	14	297	0	0	5	0	2.00	- .67	.62	23	.0	0		5	2	0
EFFINGHAM 3 W	65.5	42.4	54.0	- 3.2	84	22+	24	15+	370	0	0	8	0	2.70	- .17	.81	23	.0	0		5	3	0
FLORA 5 NW	69.9	43.1M	56.5M	- 1.6	86	21	22	14	289	0	0	7	0	1.35	- 1.49	.82	22	.0	0		3	1	0
MATTOON	65.5	43.6	54.6		86	1	27	14	344	0	0	5	0	2.32		.62	22	.0	0		7	2	0
MOWEAOUA	67.8	43.7	55.8		87	21	23	14	314	0	0	7	0	1.22		.51	22	.0	0		4	1	0
NEWTON 6 SSE	67.9	42.4	55.2		86	22+	24	14	340	0	0	8	0	1.56	- 1.17	.83	23	.0	0		4	1	0
OLNEY 2 S	70.3	45.5	57.9	- .8	88	21	24	14	258	0	0	6	0	1.68	- 1.13	.68	22	.0	0		4	1	0
PALESTINE	67.7	45.9	56.8	- 1.0	85	21+	27	26+	282	0	0	4	0	2.31	- .31	.81	1	.0	0		5	2	0
PARIS WATERWORKS	66.3	43.2	54.8	- 2.2	84	21+	25	26	337	0	0	5	0	1.85	- .85	.60	22	.0	0		5	2	0
SALEM	70.0	47.1	58.6		86	21+	29	14	239	0	0	3	0	1.30		.89	22	.0	0		2	1	0
TUSCOLA	68.0M	45.3	56.7M		83	21	26	14	287	0	0	6	0	1.87	- .94	.54	22	.0	0		6	1	0
VANOALIA 3 SW	M	M	M		87	1	22	14		0	0	4	0	2.81		1.73	16	.0	0		3	2	1
WINOSOR	68.5	44.8	56.7	- .2	85	1	26	26	281	0	0	4	0	1.95	- .96	.82	22	.0	0		5	2	0
OIVISION			56.2	- 1.2										1.92	- .85			.0					
* * *																							
SOUTHWEST 08																							
ANNA 1 E	71.2	47.0	59.1	- .6	84	21+	31	14	212	0	0	1	0	1.42	- 1.43	.90	22	.0	0		3	1	0
BELLEVILLE SO ILL UNIV	71.6M	44.7M	58.2M		89	8	24	14	243	0	0	6	0	.90		.49	22	.0	0		3	0	0
CAHOKIA	71.9	44.5	58.2		90	9	27	14	248	1	0	4	0	.94		.27	22	.0	0		4	0	0
CAIRO WSO CI R	72.5	52.5	62.5	.8	87	21	39	14	134	0	0	0	0	1.69	- .99	1.12	22	.0	0		4	1	1
CARBONOALE SEWAGE PL	70.5	41.1	55.8	- 3.4	85	22	25	15+	315	0	0	10	0	1.72	- 1.10	.85	23	.0	0		4	1	0
CARLYLE RESERVOIR	69.9	44.1	57.0	- 1.4	87	22+	30	24+	277	0	0	6	0	1.49	- 1.36	.83	23	.0	0		3	1	0
OU OUOIN 4 SE	71.5	42.9	57.2	- 1.9	87	21+	24	14	271	0	0	5	0	1.45	- 1.45	.63	22	.0	0		2	2	0
KASKASKIA R NAV LOCK	72.2M	43.8	58.0M		90	9	30	15+	246	1	0	4	0	1.38		.55	23	.0	0		4	2	0
MARION 4 NNE	69.8M	43.2M	56.5M		86	22	26	14	303	0	0	7	0	2.30	- .29	1.08	23	.0	0		7	2	1
NASHVILLE 4 NE	70.2	47.7	59.0		87	21+	31	24	227	0	0	1	0	1.36	- 1.51	.77	23	.0	0		4	1	0
SPARTA	72.3	47.4	59.9	- .2	90	8	30	24+	206	1	0	3	0	2.08	- .81	.83	22	.0	0		5	2	0
WATERLOO	69.8	45.3	57.6		89	9	30	24+	271	0	0	4	0	1.55	- 1.28	.31	23	.0	0		7	0	0
OIVISION			58.3	- 1.2										1.52	- 1.33			.0					
* * *																							
SOUTHEAST 09																							
ALBION	72.5	46.8	59.7		87	1	30	14	213	0	0	2	0	3.69	1.00	1.43	31	.0	0		8	2	1
BROOKPORT OAM 52	72.2	47.2	59.7		84	21	28	14	196	0	0	4	0	1.99	- .55	1.14	2	.0	0		3	2	1
OIXON SPRINGS AGR C	72.5	46.9	59.7		85	21	25	14	206	0	0	4	0	1.56		.78	22	.0	0		5	1	0
FAIRFIELO RAOIO WFIW	71.2	45.9	58.6	.0	85	21+	25	14	237	0	0	5	0	3.33	.39	1.52	17	.0	0		5	2	1
HARRISBURG	72.1	46.6	59.4	- .2	87	21	28	14	214	0	0	3	0	1.44	- 1.28	.53	22	.0	0		4	2	0
MC LEANSBORO 2 ENE	69.9	43.7	56.8	- 2.5	87	22+	27	15+	291	0	0	6	0	1.64	- 1.25	.68	23	.0	0		3	2	0
MT CARMEL	68.5	44.8	56.7		86	1	30	15+	294	0	0	4	0	2.21		.73	1	.0	0		5	2	0
MT VERNON 3 NE	70.9M	43.2M	57.1M	- 1.7	86	21	24	14	272	0	0	5	0	1.83	- .96	.92	23	.0	0		4	1	0
RENO LAKE OAM	70.4M	44.8	57.6M		87	22	27	14	273	0	0	6	0	1.46		.81	23	.0	0		2	2	0
ROSICLARE	71.2M	47.3M	59.3M		85	21			208	0	0		0	1.65	- .82	.55	22	.0	0			1	0
OIVISION			58.5	- .8										2.08	- .68			.0					

SEE REFERENCE NOTES FOLLOWING STATION INOEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
ALEDO	2.59	.07	.20	.11									.09				.03			.60			1.00	.16								.33
DIXON 3 W	3.16		.89		.10							.01	.03				1.38			.21	.04			.49		.01						
FREEPORT WASTE WTR PLT	3.21		.47		.05	.05	.17		.05			.02	T				.27	T		1.20	.14		.03	.76								
FULTON DAM 13	3.56		.70		.08	T			T			T	.06				1.00			.94			.12	.66								
GALENA 1 N	2.27		.30	.04	.04	T			.03			.05					.04			.88	.07	.02	.30	.50					T			T
GALVA	1.67	T	.84	T	.06	.01						T	.07				.02	.01		.09			.03	.54								
GENESEO	2.72	.69	.14	.11	T			T			T	T	.05			.10	.05		.04	.45			.61	.02								.46
HENNEPIN POWER PLANT	.91	T	.58		.06		T			T			.02							.05				.20		T						
ILLINOIS CITY DAM 16 //	3.45		.25		.10	T							.08				.20			.70	T		.80	1.32					T			T
KEITHSBURG	2.10		.15									T	.09				.02			.48			.95	.35								.06
KEWANEE 1 E	1.64		.84		.05	.01	T						.06				.01			.08	.02			.40		T						.17
MOLINE WSO AP R	2.51	.35	.03	.14	T						T	.08				.06	.02		.13	.39			1.05	T		T						.26
MORRISON	3.32		.60		.11							.03	.04				1.08			.81	.01		.06	.58								
MOUNT CARROLL	2.84		.66		.11	T	.02					.06	.02				.31			1.02	.05		.03	.56								
NEW BOSTON DAM 17	2.70		.19		.11								.08				T			.62			1.12	.58								T
PAW PAW	3.00	.03	1.02		.05		.09	.01				.02					1.27	.03		.09	.10			.29								
ROCHELLE	1.97		.49		.15			.16	.10			T	T				.59	T		.11	.05			.32								
ROCKFORD 6 ENE	1.51		.35		.06		.01	.02				.05					.05	T	T	.38	.18	T		.41								
ROCKFORD WSO AP //R	1.55	.38		.06			.01	.01	.01		.04	.02				.02	T		T	.33	.06		.32	.01								.28
STOCKTON 1 N	3.39		.51		.02	T	.25					.05	.03				.17			.83	.07		.27	.70				T				.49
TISKILWA 2 SE	1.56	.19	.30	.05			T					.02	.05							.07			.54			.01						.33
WALNUT	1.98	.28	.44	.08		T	T		T			T	.08				.23	T		.13	.10		.33	.10							.21	
NORTHEAST 02																																
ANTIOCH 2 NW	1.49		.58	.01	.03								.02							.24	.12	.25		.22	.02							
AURORA	1.57		.94	T	.03	T	.02			.02		.03	.02				.31		T	.05	.01			.14	T							
BARRINGTON	1.53		.80	.05	.04				T								T			.05	.52		.07									
CHANNAHON DRESDEN ISL	2.44		1.22	.01	.01		T	.05					.04				.82	.02		.09				.17		.01						
CHICAGO O'HARE WSO AP R	1.49	.48	.63	.02	T	.01	T	T	T		T	T	T			.06	.01			T	T		.08	.07								.13
CHICAGO UNIVERSITY //	1.50		.98	T	.01		.03					.01	.03				.12	T		.01			.24	.07								
CHGO MIDWAY WSCMO AP //R	1.81	.69	.36	.01		.01	.01	T	T		T	.01	.02			.07	.15		T	T			.17	.02								.29
DE KALB	1.39	.46	.28	.03	T	T	.01		.05			.03	.01	.01			.10			.05	.04		.20	.10		T						.02
ELGIN	1.48		.75					.01	.10				.01				.03			.05	.30			.22						.01		
GEBHARD WOODS ST PARK	2.08		1.08	.03				.05									.60	T		.12	T			.11		.09	T					
JOLIET BRANDON RD DAM	2.59		1.22	.03	.02		.06	.05	.08			T					.91	.02		.04	T			.16								
MARENGO	1.37	.22	.04	.05			T		T											T	.55	.30		.09								.12
MARSEILLES LOCK	1.88		.98	T	.03		.01	.03				T	.04				.37	.01		.04				.37								
MC HENRY LOCK AND DAM	1.59		.49		.04				.01			T	T							.05	.21	.38		.41	T							
MORRIS	-		-														-			.10				.20								
OTTAWA	1.27	.25	.44	.03			.06										.21				.03		.25									
PARK FOREST	2.71		1.46	.02			.02		T				.02				.78							.41								
PEOTONE	4.64		2.00	T	.07			.06	.07				.04				.84				T			.52								1.04
PERU 2 W	1.73	.15	.85	.06									T							.16			.31	.20								
STREATOR 2 ENE	1.98	.35	.48	.05			.02						.05				.69			.03	.01		.27	.03								T
UTICA STARVED ROCK DAM	1.34		.82		.04		.01	T				.02	.05				.11			.03				.26								
WAUKEGAN	2.15		1.23	.18	.02				.02			.02		T			.02			.11	.32	T		.23	T						T	
WHEATON 3 SE	1.69		1.54	.01	.03																			.11	T							
WEST 03																																
AVON 5 NE	1.45		.22		.08								.08				.12						.07	.88					T			
BENTLEY 1 E	2.01	.04		.15							T	T	T			T	.03	T	T	.44	T		.93	.03								.39
CANTON 1 ESE	2.12	.14	.24	.10										.08	T		.50			.26	T		.50					.03	T			.27
GALESBURG	1.58	T	.45		.05								.06							.10	T		.07	.85	T							
GLADSTONE DAM 18	1.99		.17		.10								.10				T			.51			.57	.52								.02
GOLDEN 1 NW	2.04	T		.16													.12			.66			.66	.04								.40
LA HARPE	1.97		.11	.08						T		.12								.35			.64	.53								.14
MACOMB	2.42		.11		.15					T			.10				.21			.44			.57	.69								.15
MONMOUTH	2.35	.22	.12	.08									.08							.20			1.11	.11								.43
MOUNT STERLING	1.68	.01		.07						.04										.48			.85	.03								.20
PAYSON	1.56		T		.01					.08	T						.12	T	.09	.65			.38	.09								.14
QUINCY FAA AP	2.23	T		.06						.09	T		T			T	.16	.05	.27	.54			.58									.48
QUINCY DAM 21 //	2.68				.07					.03	.05	T					.12	.40		1.05			.41	.19								.36
QUINCY MEMORIAL BRIDGE	2.34		.03		.09					.02	T						.16	.01	.05	.95	T		.41	.21								.41
RUSHVILLE	2.55	.01	T	.11									.05				.80	.01		.50			.81	.03								.23
CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.64		.37			.04	.03						.08				.33	.31		.02				.46								
CHENOA	.82	.14	.14	.03								T	.11				T						.37	.03		T						T
CHILLICOTHE	1.41		.49		.05								.06				.02			.10				.56								.13
CLINTON 1 SSW	1.34	.29	.02	.01		.03			.01	T		.08			T	.01	.19	.01		T				.53								.16
DECATUR	1.22		.20	T	.02						.06		.03				.13	.20	T		.01			.57					T			T
FARMER CITY	1.40		.37										.17					.26	.07					.53								
HAVANA 4 NNE	1.95		.12		.10								.14				.44	.16	.10	.34	.04			.51								
LACON 2 E	1.35	.15	.47	T			T										.12			.10			.42	.02								.07
LINCOLN	1.18		.30		.01												.01	.24						.62								
MACKINAW	1.88	.08	.26	.07			.02						.10				.51			.09			.53	.04								.18
MASON CITY 1 NW	1.38	.11	.11	.02									.04				.45			.12			.48	.02								.03
MINONK	1.47		.65	T									.12					.25	T	.05				.40								
MOUNT PULASKI	1.83	.15	.12							.07	.02						.35	.30						.60								.22
NORMAL	1.57	.14	.29	.04			.04					T	.08			T	.49	T		.02			.41	.06		T						T
PEORIA WSO AP //R	1.70	.28	.13	.09	T	T					T	T	.09				.27		.01	.16			.44	.01				T				.22
PETERSBURG 3 SSW	1.20		.09		.02					T	.06		.05				.29	.09	.02	.07	.04			.47								
PRINCEVILLE	1.66	.18	.28	.07	T									.07						.12			.55	.06								.33
EAST 05																																
DANVILLE	1.68	T	.60	.01	.02		.06			.07		.08	.12			.01	.15	.03					.48	.05		T						
DANVILLE SEWAGE PLANT	1.97		.63	.01		.02	.30		T	T	.08	.09	.11			.01	.05	.22	T		T			.43	.02	T			T	T		
GIBSON CITY 1 E	.95		.09	.07			T					.06	.06			.02	.01	.33						.31	T							T
HOOPESTON 1 NE	.89		.13	T	T		.05	.03		T		.06	.07			T	.02	.03	.04		T			.44	T		.02		T			
KANKAKEE WTR POLL CTR	2.08		.82	.03	.04			.12				T	.03				.63	.04						.37								T
MONTICELLO 2	1.38	.18	T	T						.12			.08				.30	.06						.53								.11
PIPER CITY 3 SE	.77		.29	.01	T		.06	T				.02	.05				.04	.02	.01		T	T		.26	T	T	.01		T			T
PONTIAC	1.15		.60	.01	.01	T	.02	T					.06				.07			.01				.37								
RANTOUL	1.66		.73				.01			T		.10	.10			T		.20	.02					.50								
SIDELL	2.23		1.07				.06				.12	.06	.06			T	.27	.01						.58		T						
URBANA	1.57		.44	.01	.01		.03	T		.04	.04	.04	.09			.01	.03	.29	.06		T			.48	T		T		T			
WATSEKA 2 NW	2.01	.02	1.15				.12		T			.06	.05	T			.10	.10	T					.39	.02							
WEST SOUTHWEST 06																																
ALTON DAM 26	1.75				.03								.04	T		.02	.54	.21	.34	.04			.06	.43								.04
BEARDSTOWN	2.58	T			.07								.09				.40	.22	T	.47			1.02	.26								.05
BLUFFS	1.12									.09							.13		.20				.63									.07

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
OCTOBER 1979

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.55	T		.08						.11			.02			.29	.26	.04		.04			.63						T			.08
EDWARDSVILLE 1 NE	1.63				.07								T	.04		.10	.37	.05	.14		.12			.70								.04
GRAFTON	2.24			T	.13						.05		T	.06		T	.88	.38	.16	.12			.13	.30								.03
GREENVILLE 1 E	2.30	.05			.05							.02		.05		T	.62	.40	.33					.78								
GRIGGSVILLE	1.52		.03		.01					.04	.06						.05	.18	.10	.34	.02		.37	.32								
HILLSBORO	2.13			.12						.18						.88	.28	.05	T				.62	T								
JACKSONVILLE 2 E	1.01	T	.02		T					T	.04		T				.12	.06	.11	.12	.08			.46				T				
JERSEYVILLE 2 SW	4.45		T		.05					T	.03		.05			T	1.05	.54	2.10	.11			.14	.26							.12	
KINCAID	2.38		.11		.07					.19			.05			T	.22	.23	.52					.87			.12					
MEDORA	2.01	T		.10	T					.10			.08			.40	.38	.10	.10	.12			.55							.08		
MOUNT OLIVE 1 E	1.52				.15						.18	.10					.28	.12						.60							.09	
PANA	1.84		.22	T	.10		T				.14	T	.02			.05	.29	.46	T		.01			.55								
SPRINGFIELD WSO AP R	1.34	.07	.02	T		T				.07	T	T	.02			T	.41	T		.04			.58	.01				T				.12
VIRDEN 1 N	1.17		.03		.05						.13	T					.21	.15	.02	T			T	.58								
VIRGINIA	1.17	.02		.03						.06			.02				.28	.09		.20			.36									.11
WHITE HALL 1 E	1.24	T		T	T					.15	T		T	T		.03	.36	.07	.02	.15	T		.35	T								.11
* * * EAST SOUTHEAST 07																																
CHARLESTON	2.00		.44		.16					.15		.02				.05	.56							.62								
CLAY CITY 6 SSE	1.78		.61							T					T	T	.30							.72					.15			
DIONA 3 SW	2.13		.51		.22													*	.75					.65								
EFFINGHAM 3 W	2.70		.29	.03	.07						.05	.01	.05	.01		.02	.60	.66						.81					.10			
FLORA 5 NW	1.35	.04	.15	.02	T					T		.02	.05			.03	.07						.82						.05			.10
GREENUP	2.35		.45	.05	.09		I				.09	.10	.05			.06	.27	.49	.05					.57					.08			
HUTSONVILLE POWER PL	1.82	T	.70	T	T						T	.05	.01	.02		.01	.03	.30	T					.51	.01				.18			
LAWRENCEVILLE	1.89	.25	.52	.07	.05		I		T		.02	.05	T	.07		.07	.03	.14						.50					.12			
MATTOON	2.32	.37	.15	.13		T				.19		.03	.01			.01	.60						.62	.02								.19
MOWEAQUA	1.22	T	.09	.06									.16				.25	T					.51	T				T	.15			T
NEWTON 6 SSE	1.56		.29	.03	.04						.03	.03				.05	.12	.12						.83					.02			
OLNEY 2 S	1.68		.44			.05				.02		.05				.04	.30						.68						.10			
PALESTINE	2.31	.81	.14	.08	.04					.03		.07	.10			.04	.43	T					.50			T			.06			.01
PARIS WATERWORKS	1.85	.08	.03	.10			T			.15		.04	.04			.03	.58			T			.60	T				.05	T			.15
SAINTE MARIE	1.74	.02	.25	.02	.05						.02	.05	T	.04		T	.25	.10						.89					.05			
SALEM	1.30	T	.05	.02	.01					.05			.02			.07	.04		.01	T			.89	.01					.11			.02
TUSCOLA	1.87	.17	.19	.12						.25		.02	.09			.01	.39	.01					.54					T				.08
VANDALIA 3 SW	2.81		.20		.06							.08				T	1.73	.04						.70								
WINDSOR	1.95	.25	.11	.15	.01						T	T	.04			.03	.52	T	.01				.82	.01								T
* * * SOUTHWEST 08																																
ANNA 1 E	1.42									.42				.10									.90									
BELLEVILLE SO ILL UNIV	.90			T	.01					.02			T			.11	.13	.06		.01			.49									.07
CAHOKIA	.94		T		T					T	T	T	T	T		.14	.22	.09	.14	T	.01		.27	.05								.02
CAIRO WSO CI R	1.69			.12						.14			.03										1.12									.28
CARBONDALE SEWAGE PL	1.72		.06		.07	T					.39	.03		.16		.02	.12	T					T	.85					.02			
CARLYLE RESERVOIR	1.49		.02		.01						T		T			.03	.43	.02	T					.83					.15			
CENTRALIA	1.60		.13		.04						.12					.14	.18							.84					.15			
CHESTER	1.32				T						.43		.05			.09	T		.08					.55					.07			.05
DU QUOIN 4 SE	1.45			.04						.58			.05			.08							.63									.07
GRAND TOWER 2 N	1.41		.02								.34			.21			.06							.78								
KASKASKIA R NAV LOCK	1.38				.01						.52			T		T	T		.14	T				.55	.02				.02			.12
MARION 4 NNE	2.30		.14		.06	T				T	.55			.10		.11	.11	T					.11	1.08					.04			
NASHVILLE 4 NE	1.36		.02		T						.22					T	.10							.77					.25			
PRAIRIE DU ROCHER 1WSW	1.65										.59			T			.03		.17					.63					.07			.16
RED BUD 5 SE	1.45	T		T	T						.36						.14	T						.64					.12			.19
SPARTA	2.08			T	.01					.56			T			.10	.02	.02	.01				.83						.13			.40
WATERLOO	1.55										.24					.11	.03		.15	.02			.30	.31					.19			.20
* * * SOUTHEAST 09																																
ALBION	3.69	.40	.20	.11						.35		.11	.02				.11						.96									1.43
BENTON FOREST SERVICE	1.55				.01					.03	.53						.02							.93					.03			
BROOKPORT DAM 52	1.99		1.14		.22					T		.02	T	.04										.57					T			
CARMI 6 NW	1.87		.33	.06	.10						.42	.02		.02			.03	T						.87					.02			
DIXON SPRINGS AGR C	1.56	T	.21		.13					.08	.25			.11									.78									T
FAIRFIELD RADIO WFIW	3.33		.44		T	T				.38		.02	.01			T	.08	1.52					.74						.14			
GOLCONDA DAM 51	1.70		.31		T						.41			.20										.68					.10			
HARRISBURG	1.44		T		.13				.03	.52			T	.12		.06							.53						.05			
HARRISBURG DISPOSAL PL	2.54	1.14	.01		.11	T				.02	.51	.01		.11		.01	.07	T						.52					.03	T		
MC LEANSBORO 2 ENE	1.64		.21	.03	.07						.53	.02				T	.02	.05	.02					.68					.01			
MT CARMEL	2.21	.73	.33	.04	.12						.30	.03		.05	T	T	T	.02						.54					.05	T		
MT VERNON 3 NE	1.83	.28			.03						.32					.08	.05							.92					.15			
REND LAKE DAM	1.46				.02						.53			.02		T	.05							.81					.03			
ROSICLARE	1.65		.46		.14					.32			*	*	*	*	.14						.55						.04			
SHAWNEETOWN NEW TOWN	1.92	.12	.24	T	.14	.06				.21	.46	T		.10		T	T							.59					T			
WAYNE CITY 1 N	1.57		.20								.40													.82					.15			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEOO	MAX	71	65	67	63	62	60	70	76	69	57	62	60	53	61	71	74	73	75	72	85	85	81	49	54	51	52	64	68	69	68	66	66.2
	MIN	51	47	47	36	37	42	33	42	42	35	48	39	26	30	50	50	51	54	59	62	66	47	33	30	33	27	41	38	37	33	43	42.2
OIXON 3 W	MAX	72	70	61	61	49	57	53	62	68	50	52	52	44	47	59	66	69	65	71	70	81	83	69	43	52	43	52	62	66	69	67	60.8
	MIN	48	50	41	38	33	34	33	35	39	33	35	39	28	27	30	47	49	52	53	59	63	65	36	30	31	23	24	34	32	37	47	39.5
FREEPORT WASTE WTR PLT	MAX	77	71	64	65	51	59	53	64	66	52	53	54	46	51	59	68	67	70	68	68	79	82	61	46	53	44	50	64	68	70	66	61.6
	MIN	43	46	43	39	31	32	33	34	40	38	38	32	32	27	27	42	50	49	49	59	59	59	37	33	33	22	24	34	33	37	45	38.7
FULTON OAM 13	MAX	74	69	63	65	61	60	55	67	66	52	56	56	46	52	59	67	68	70	72	68	81	82	61	44	54	45	52	63	68	71	68	62.4
	MIN	49	51	47	43	42	41	39	39	45	35	38	44	33	32	34	49	52	52	52	60	66	59	39	36	36	27	29	36	36	37	47	42.7
GALVA	MAX	77	71	65	64	52	61	56	68	76	54	56	60	47	51	60	70	70	73	74	76	82	85	63	41	52	47	49	64	65	68	66	63.3
	MIN	53	50	47	38	36	36	35	42	44	35	37	43	28	28	34	51	52	54	54	60	59	63	37	30	30	26	30	36	37	41	49	41.8
GENESEO	MAX	71	64	66	52	61	56	67	74	54	56	60	49	51	60	71	71	70	74	72	83	85	74	42	53	45	50	64	67	69	67	69	63.5
	MIN	50	49	48	40	38	41	37	47	36	37	46	34	30	32	51	53	54	54	61	65	68	38	38	33	30	26	42	36	40	41	47	43.3
HENNEPIN POWER PLANT	MAX	78	79	63	71	55	61	58	68	77	55	56	61	47	50	59	71	71	71	78	76	83	88	73		54	48	53	68	69	73	69	66.1
	MIN	49	51	45	39	33	35	34	41	44	30	45	39	30	25	32	51	52	54	55	62	69	70	38	31	30	19	26	32	31	37	54	41.4
KEWANEE 1 E	MAX	72	72	65	58	52	61	54	68	75	53	56	60	47	50	60	70	71	70	75	73	81	86	61	41	52	41	50	69	69	68	67	62.8
	MIN	45	49	42	38	33	43	36	38	42	32	41	38	29	26	35	50	51	53	54	58	63	59	35	32	32	22	32	31	32	42	53	40.8
MOLINE WSO AP	MAX	72	65	67	53	62	57	70	75	55	56	61	47	52	60	71	73	70	75	71	84	84	73	41	53	47	50	64	69	70	67	67	63.9
	MIN	46	44	43	40	31	36	31	41	32	32	41	32	27	27	49	51	50	53	61	65	67	37	36	30	27	25	41	32	32	40	46	40.2
MORRISON	MAX	77	71	64	66	51	60	54	68	74	53	55	57	47	51	60	68	71	71	73	70	81	84	61	43	53	46	51	64	68	70	67	62.9
	MIN	44	51	41	38	32	34	35	30	41	31	33	39	29	26	30	48	51	51	53	61	66	59	37	31	34	23	31	33	31	37	49	39.6
MOUNT CARROLL	MAX	75	70	63	64	50	58	53	65	67	53	54	55	47	50	59	67	69	71	69	67	79	81	60	42	53	45	49	64	68	69	68	61.4
	MIN	38	49	37	33	29	34	28	28	38	30	33	36	27	22	27	46	47	50	51	56	66	55	36	27	28	19	24	28	27	32	48	36.4
PAW PAW	MAX	75	74	60	62	53	57	55			52	52		51	49	58	65	65	65	72	70	72	82	72	42	51	43	49	64	64	69	66	61.0
	MIN	46	46	43	39	36	36	35	43	38	31	33		30	25	35		45	42	51	55	62	64	34	30	31	26	25	34	38	43	35	39.0
ROCHELLE	MAX																67	66	63	72	72	77	82	73		51	43	50	63	66	71	67	
	MIN	44	41	39	34	30	30	28	38	38	31	33	36	26	26	38		48	46	50	54		60	22	25	28	22	22	32	32	33	40	35.4
ROCKFORO WSO AP	MAX	75	62	62	51	57	55	62	66	49	53	54	46	49	58	68	63	69	70	70	77	80	73	44	51	42	49	64	66	69	68	70	61.0
	MIN	44	42	40	38	33	39	33	45	34	35	42	34	30	28	40	51	49	50	61	62	69	40	36	31	27	22	39	33	34	45	48	40.5
STOCKTON 1 N	MAX	74	66	62	64	50	53	53	62	65	50	53	53	45	49	58	66	68	68	66	66	78	80	59	41	50	42	49	63	67	68	65	59.8
	MIN	39	49	40	38	32	39	30	42	37	33	35	32	30	24	35	47	48	47	49	58	62	53	33	30	30	20	27	36	30	32	46	38.2
TISKILWA 2 SE	MAX	72	63	65	62	61	58	68	77	72	56	61	55	51	61	71	71	71	73	74	82	86	80	52	54	49	51	67	68	71	68	69	65.8
	MIN	48	48	43	40	33	43	34	44	43	33	44	39	29	26	45	52	52	54	61	64	67	51	37	32	33	21	38	36	33	42	55	42.6
WALNUT	MAX	75	63	67	62	60	56	67	75	72	55	60	55	52	60	70	71	67	75	72	81	84	79	52	53	50	51	65	67	69	68	68	65.2
	MIN	50	51	42	37	34	42	34	57	44	34	44	39	27	31	47	52	53	52	59	62	59	52	35	29	31	22	37	34	41	44	47	42.6
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	75	74	60	62	53	55	56	58	61	47	54	55	45	48	59	65	59	62	69	69	73	78	72	42	48	42	50	64	65	64	59	59.5
	MIN	42	41	44	40	37	40	35	35	41	31	32	43	35	25	34	45	52	48	50	57	63	67	36	32	30	23	22	35	35	34	45	39.6
AURORA	MAX																																
	MIN	45	50	44	39	36	39	33	46	34	32	42	41	31	28	38	50	49	51	60	55	60	46	37	32	27	24	37	35	35	42	51	40.9
8ARRINGTON	MAX	75	75	57	62	54	54	53	60	59	49	54	55	48	49	48	61	61	61	72	72	78	80	73		49	42	49	65	65	61	62	60.1
	MIN	45	45	45	39	36	39	35	36	41	32	34	42	37	26	31	47	50	50	50	60	62	66	37	32	31	22	23	38	38	39	41	40.3
CHICAGO O'HARE WSO AP	MAX	77	61	61	57	57	56	61	67	54	56	58	51	52	62	67	62	60	74	74	80	84	76	45	50	46	52	66	66	69	67	75	62.7
	MIN	43	52	46	40	39	41	38	49	36	34	46	38	34	31	40	54	52	55	65	68	70	45	39	32	31	27	42	38	41	42	53	43.9
CHICAGO UNIVERSITY	MAX	77	73	61	60	58	56	57	64	64	54	58	59	50	57	64	65	62	68	74	73	79	82	64	48	52	46	62	66	66	64	72	63.1
	MIN	51	56	51	46	40	45	40	49	44	39	45	46	33	33	44	52	55	54	64	67	69	64	39	35	39	33	40	42	43	49	53	47.1
CHGO MIOWAY WSCMO AP	MAX	76	61	60	57	55	56	59	68	53	54	58	51	51	59	64	62	61	75	73	78	84	76	45	50	45	50	67	65	69	66	73	62.0
	MIN	50	56	49	43	40	43	39	50	39	37	46	38	37	32	41	53	55	56	65	68	70	45	39	35	34	30	41	41	39	47	53	45.5
OE KAL8	MAX	74	63	61	62	57	57	62	72	66	53	54	49	50	59	67	64	62	72	73	78	82	82	59	51	51	48	64	64	71	66	67	63.2
	MIN	51	52	42	39	35	42	35	46	41	35	43	42	34	26	41	52	50	50	59	62	63	59	38	33	32	21	38	35	34	45	57	43.0
ELGIN	MAX	75	75	57	61	53	54	55	60	65	49	51	55	47	48	56	66	60	61	71	72		80	71	42	49	41	48	65	65	68	64	59.5
	MIN	45	43	43	42	36	37	33	33	40	34	33	40	35	29	29	42	50	49	52	60		65	34	31	32	24	24	26	37	44	45	38.9
GE8HARO WOOOS ST PARK	MAX	84	79	62	60	57	55	58	62	74	55	47	61	51	51	59	62	62	68	74	74	79	84	75	44	52	48	51	66	65	74	71	63.4
	MIN	48		48	42	38	37	36	37		36		41	31	28			49		56	62			40	33	30	22	23	33	38	40	39	38.6
JOLIET 8RANOON RO OAM	MAX	73	77	62	60	56	56	56	62	72		56	59	52	50	60	65	63	65	76	74	79	84	75	45	51	44	50	67	66	71	68	63.1
	MIN	46	47	46	40	35	35	35	35	45	35	35	43	32	29	32	48	50	52	55	65	66	66	37	32	32	24	24	34	36	38	45	41.1
MARENGO	MAX	72	66	62	55	57	55	62	64	60	53	56	50	50	60	68	65	68	70	75	76	81	79	60	50	48	50	65	65	70	65	70	62.8
	MIN	40	52	40	37	34	37	32	45	38	31	42	37	33	23	38	50	42	42	58	58	64	59	34	30	29	20	38	35	37	37	44	39.9
OTTAWA	MAX	80	63	63	61		59	67	78	72	58	63	56	54	63	71	68	70	77	77	82	87	85	57	56	52	54	70	69	74	68	72	67.5
	MIN	49	53	45	40		42	38	46	45	36	47	44	32	31	43	54	53	55	54	65	69	57	40	33	34	24	38	33	35	45	56	44.5
PARK FOREST	MAX	71	78	64	60	58	55	55	60	72	54	55	58	52	50	59	63	62	64	74	74	77	83	76	43	50	46	50	66	65	72	67	62.4
	MIN	43	52	47	42	37	36	35	38	44	37	35	42	32	28	35	48	48	51	56	60	54	59	38	30	32	24	27	35	37	44	40	40.8
PERU 2 W	MAX	84	62	62	62	65	58	67	78	72	56	60	62	60	65	75	72	70	74	78	80	87	84	52	56	56	52	67	69	75	70	72	67.8
	MIN	44	51	42	36	31	44	40	46	35	34	40	30	31	34	34	53	52	54	54	62	66	52	40	33	35	23	34	35	33	50	59	42.2
WAUKEGAN	MAX	71	72	58	61	56	55	58	59	61	51	52	57	52	50	57	65	57	58	67	71	76	81	75	42	48	42	45	65	64	55	56	59.3
	MIN	43	42	45	41	38	38	36	37	42	34	35	43	35	26	29	43	50	49	50	61	61	65	35	32	30	27	24	37	34	33	46	40.0
WHEATON 3 SE	MAX	76	60	61	61	56	55	62	69	62	53	58	50	51	57	65	62	61	74	74	76	82	81	61	52	50	50	67	67	70	67	71	63.3
	MIN	40	54	44	38	35	39	35	44	42	30	44	42	34	26	33	50	49	53	63	63	68	60	37	31	29	21	38	34	33	40	52	42.0

SEE REFERENCE NOTES FOLLOWING STATION INOEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	70	65	66	56	63	58	71	76	55	57	63	51	53	61	70	71	73	74	72	85	85	74	40	54	48	52	64	67	68	66	67	64.4
	MIN	52	49	47	37	36	33	35	45	35	34	46	33	25		51	52	54	48	54	64	69	37	34	31	31	29	41	33	36	38	38	41.6
GOLDEN 1 NW	MAX	75	74	70	67	68	70	76	84	78	61	72	63	57	63	66	73	75	76	73	86	88	80	49	56	56	57	71	70	72	70	65	69.7
	MIN	58	49	44	35	32	34	40	56	47	33	48	51	23	29	52	53	53	55	59	64	70	43	36	30	35	30	45	35	41	47	50	44.4
LA HARPE	MAX	70	70	69	58	66	63	75	80	68	60	60		57	64	68	75	76	76	74	87	87	81	45	57	54	56	69	70	71	70	64	68.0
	MIN	54	48	43	36	37	43	31	49	44	32	44		25	26	52	51	52	53	59	65	70	43	38	30	34	29	44	34	36	45	52	43.3
MONMOUTH	MAX	71	65	66	58	63	59	71	77	69	60	64	57	52	62	73	74	75	75	72	84	85	79	47	53	50	51	65	67	70	67	66	66.0
	MIN	53	49	45	37	39	43	35	50	45	34	48	41	26	29	51	51	54	54	49	63	66	47	38	30	34	28	41	37	37	45	55	43.7
QUINCY FAA AP	MAX	75	72	69	60	68	61	74	82	57	60	71	61	55	62	66	71	74	74	73	87	86	76	51	56	58	58	70	68	71	70	69	67.9
	MIN	56	47	47	40	34	42	36	54	36	35	51	34	28	31	52	55	56	56	61	69	72	42	35	33	37	35	46	41	39	49	47	45.0
QUINCY DAM 21	MAX	80	72	70	68	57	68	60	76	85	65	57	71	56	55	62	67	76	77	71	75	87	87	65	51	57	57	58	69	67	70	68	67.9
	MIN	52	48	42	42	30	29	34	31	47	30	32	49	28	26		48	52	54	55	58	64	63	35	31	30	33	33	37	34	34	50	41.0
RUSHVILLE	MAX	78	69	66	64	67	64	74	83	68	60	68	66	54	63	67	70	74	75	73	87	87	78	46	54	55	55	71	68	71	68	67	68.1
	MIN	51	50	46	36	32	43	30	55	47	30	45	47	25	28	52	52	53	54	59	54	69	45	38	29	35	29	43	33	36	42	55	43.3
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	83	62	61	60	59	57	75	75	54	55	63	52	50	60	71	64	75	78	75	81	87	79	50	52	47	52	69	66	70	68	73	65.3
	MIN	46	52	43	40	33	43	40	44	45	32	40	40	29	26	44	44	50	51	62	62	67	50	38	32	33	21	36	37	37	40	53	42.3
DECATUR	MAX	86	63	69	62	60	62	73	77	75	60	69	60	55	64	67	64	77	80	77	82	88	78	51	55	58	56	73	69	75	68	71	68.5
	MIN	49	52	41	39	37	46	34	42	45	28	45	42	26	22	44	50	49	49	61	66	69	50	39	31	29	25	39	36	31	33	48	41.8
FARMER CITY	MAX	83	64	67	58	62	64	67	77	66	59	68	57	53	68	71	64	70	77	75	80	85	76	52	54	52	52	71	70	70	66		66.6
	MIN	50	49	44	39	36	36	40	38	46	28	44	41	25	28	48	50	51	53	62	64	67	47	38	31	32	25	35	42	35	45		42.3
HAVANA 4 NNE	MAX	78	82	65	65	59	65	62	75	80	59	61	69	55	56	65	73	69	72	77	73	85	88	62	43	56	53	56	72	69	72	69	67.3
	MIN	48	52	40	40	42	45	32	40	46	32	36	42	29	22	35	51	51	52	55	61	62	62	40	32	32	28	32	33	33	35	45	41.5
LACON 2 E	MAX	80	61	64	61	63	56	69	77	62	57	63	56	52	63	73	70	73	78	76	85	88	85	53	54	52	53	64	67	73	69	70	66.7
	MIN	47	51	45	38	35	43	36	43	44	33	41	41	28	28	44	50	51	54	60	65	68	53	37	29	32	21	36	35	35	43	45	42.3
LINCOLN	MAX	81	65	63	60	62	60	70	77	75	57	67	64	52	63	70	64	72	77	74	82	87	81	50	55	54	53	73	67	72	67	71	67.3
	MIN	52	52	42	40	38	45	38	50	48	35	47	46	28	26	50	50	51	53	63	64	69	49	39	32	32	28	39	36	35	46	56	44.5
MASON CITY 1 NW	MAX	83	63	62	61	64	62	71	79	75	59	67	63	53	63	71	65	71	77	73	83	87	82	49	54	53	53	71	67	71	67	70	67.4
	MIN	46	48	44	39	43	44	33	51	47	34	45	46	25	24	50	51	49	52	60	61	66	48	35	32	33	26	39	33	35	39	42	42.6
MINONK	MAX	78	76	61	62	61	60	61	68	79	67	65	57	52	57	62	72	74	68	78	78	84	88	74	43	54	55	61	65	66	72	73	66.8
	MIN	54	45	42	38	36	37	31	36	43	31	34	38	28	29	42	48	50	50	56	60	64	65	38	28	29	27	28	36	37	37	53	41.0
NORMAL	MAX	81	71	58	55	61	61	68	75	75	56	64	63	53	62	71	70	74	77	77	81	86	85	59	52	51	51	70	68	70	70	70	67.3
	MIN	49	53	45	39	34	43	37	48	47	31	46	43	27	26	50	50	52	51	65	68	68	59	33	31	33	26	41	32	33	46	58	44.0
PEORIA WSO AP	MAX	78	61	61	54	60	57	69	75	55	57	64	51	52	60	72	63	71	76	72	82	86	73	41	50	44	51	69	66	69	73	72	64.0
	MIN	48	46	40	39	31	37	33	48	33	33	42	30	26	26	51	50	51	55	60	65	67	38	37	30	28	25	41	34	34	51	47	41.2
PRINCEVILLE	MAX	76	65	65	60	63	58	70	77	68	59	65	60	53	63	74	72	73	78	75	85	88	84	49	55	50	51	65	68	70	68	69	67.0
	MIN	44	50	40	38	32	43	34	45	41	34	47	42	25	27	46	52	51	55	60	64	67	48	37	29	33	24	41	33	35	44	55	42.5
* * *																																	
EAST 05																																	
DANVILLE	MAX	85	80	70	62	59	58	67	72	71	54	64	64	53	61	68	63	70	78	76	78	85	81	55	53	51	52	71	67	70	69	76	67.2
	MIN	51	54	49	43	37	45	40	42	46	29	43	40	30	26	45	52	51	53	62	65	68	54	40	39	30	24	38	40	32	38	56	43.9
HOOPESTON 1 NE	MAX	82	68	68	60	58	57	64	70	60	56	63	56	50	60	68	58	73	76	75	78	84	78	50	51	50	49	69	65	70	68	74	64.8
	MIN	45	53	48	43	35	43	38	47	43	31	42	41	28	26	44	51	51	52	60	64	67	49	38	36	32	23	34	36	37	41	54	43.0
KANKAKEE WTR POLL CTR	MAX	74	78	65	65	58	60	57	63	75	54	56	62	54	57	62	68	61	70	76	78	81	84	75	52	47	59	62	60	67	71	67	65.1
	MIN	44	46	46	41	36	39	43	45	45	34	34	40	28	34	40	48	49	52	53	57	60	63	38	36	25	27	34	36	36	36	43	41.5
PIPER CITY 3 SE	MAX	83	65	67	59	60	60	66	76	70	58	66	60	52	63	72	64	74	78	76	81	86	80	50	53	48	51	70	66	71	69	72	66.6
	MIN	45	50	45	42	35	42	38	45	46	30	40	42	28	28	40	50	50	49	63	64	66	50	37	31	32	22	34	34	39	39	51	42.2
PONTIAC	MAX	80	62	62	60	58	57	67	76	75	57	65	61	52	62	72	68	71	77	76	79	85	84	51	54	52	49	66	67	72	67	70	66.3
	MIN	45	52	43	40	36	43	40	47	45	32	45	41	28	27	44	51	52	52	64	65	68	51	38	32	34	24	37	36	34	42	53	43.3
RANTOUL	MAX	85	82	64	66	58	58	65	65	75			64	50	58	65	70	58	70	69	73	78	85	72	52	50		59	70	72	78	69	67.1
	MIN	46	42	46	40	32	37	43	36	46	32	33	42	29	26	28	48	45	52	55	58	63	66	36	32	34		28	34	42	42	38	41.0
URBANA	MAX	76	82	63	68	60	59	58	67	75	55	56	66	57	51	62	68	57	70	78	74	78	84	74	42	52	51	51	70	64	69	66	64.6
	MIN	53	53	48	42	41	41	45	38	46	33	35	44	30	30	48	47	51	53	56	63	66	65	42	37	36	38	30	39	37	42	46	44.4
WATSEKA 2 NW	MAX	68	81	66	66	59	57	58	62	72	54	55	61	54	50	60	68	57	73	76	76	80	84	74	42	51	48	50	69	59	71	68	63.5
	MIN	45	46	45	39	33	35	38	38	45	30	32	43	25	26	28	49	50	49	51	46	67	67	39	35	29	22	20	33	32	35	44	39.2
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	85	84	71	70	61	66	62	74	84	55	60	71	61	55	61	60	69	65	75	73	82	85	65	53	55	62	57	72	69	70	68	67.7
	MIN	58	56	50	47	40	40	42	45	50	37	37	51	33	32	34	34	53	54	54	54	66	60	41	35	37	34	35	45	41	45	52	44.9
CARLINVILLE	MAX	88	66	68	61	66	64	75	86	78	63	72	68	56	64	57	69	72	78	73	82	87	82	51	56	59	57	75	68	71	68	70	69.4
	MIN	56	54	45	36	37	44	33	57	44	30	49	49	27	24	49	51	50	54	60	63	68	47	40	29	32	27	44	37	31	45	60	44.3
GRIGGSVILLE	MAX	72	70	64	59	65	60	73	85	74	59	70	63	53	62	61	71	70	75	72	85	87	79	49	55	57	57	71	68	71	69	66	67.5
	MIN	54	51	50	40	36	49	40	53	45	36	50	46	27	35	53	51	54	53	60	66	71	45	37	30	40	30	44	39	39	50	55	46.1
HILLSBORO	MAX	89	62	72	62	62	66	77	86	78	63	74	68	60	64	58	70	74	78	76	81	87	82	55	59	59	61	72	72	73	69	70	70.3
	MIN	53	51	42	41	40	40	34	49	47	28	44	50	29	24	48	48	50	50	52	63	64	49	37	23	30	30	31	39	35	42	45	42.2
JACKSONVILLE 2 E	MAX	80	82	67	63	59	65	62	73	82	56	60	70	57	54	62	62	68	67	76	73	84	86	72	48	55	55	56	72	67	70	68	66.8
	MIN	49	53	44	41	39	37	32	29	48	30	32	48	29	24		52	51	51	52	60	67	69	40	31	31	27	29	37	34	36	44	41.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	85	85	72	67	62	64	64	74	86	55	60	72	62	55	61	64	69	68	75	73	82	85	64	50	54	60	57	74	68	69	68	67.9
	MIN	43	52	38	35	26	42	33	41	44	23	39	50	24	20	36	47	54	54	59	60	68	61	38	27	33	30	36	36	32	48	53	41.4
PANA	MAX	83	61	69	58	61	61	68	79	71	58	68	60	52	61	61	60	70	76	75	78	84	78	47	52	54	53	72	64	69	66	71	65.8
	MIN	54	52	46	43	44	46	40	49	45	33	46	48	29	30	46	51	52	55	63	67	69	46	40	32	36	29	41	40	40	47	60	45.8
SPRINGFIELD WSO AP	MAX	86	62	66	62	66	63	74	82	59	61	71	58	55	65	67	67	72	79	76	85	89	75	45	55	55	55	74	68	72	69	71	67.9
	MIN	54	46	44	36	45	37	34	53	33	29	50	34	27	27	54	53	54	53	63	69	70	42	34	31	33	30	44	37	37	49	48	43.5
VIRDEN 1 N	MAX	85	67	67	63	64	63	75	83	80	60	71	68	57	64	58	67	71	78	73	85	87	77	49	55	57	56	76	68	71	69	70	68.8
	MIN	51	52	45	38	42	43	33	50	43	29	50	48	26	26	52	50	52	52	60	62	67	45	39	31	35	26	42	36	34	41	62	43.9
WHITE HALL 1 E	MAX	84	68	68	62	66	64	73	85	83	60	71	69	55	62	59	68	69	76	73	83	87	86	49	53	57	56	73	67	71	68	69	68.8
	MIN	52	52	45	40	33	48	35	53	44	31	45	53	28	26	51	51	55	54	60			47	39	30	35	32	43	41	35	48	53	43.4
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	84	80	72	59	59	63	70	78	76	59	69	65	53	62	62	60	76	77	77	76	85	80	52	53	52	52	73	70	71	68	73	67.9
	MIN	56		45	44	39	48	39	47	44	30	43	45	29	26	45	51	53	58	63	66	69	52	40	38	32	27	40	42	36	51	50	44.9
EFFINGHAM 3 W	MAX	82	84	59	72	59	60	61	68	80	52	58	68	59	52	60	62	58	72	77	78	78	84	73	45	52	56	52	72	63	68	67	65.5
	MIN	56	52	44	44	43	42	36	36	48	28	30	46	30	24	24	47	50	51	54	63	67	69	42	34	31	29	32	42	34	36	49	42.4
FLORA 5 NW	MAX	85	65	76	63	64	65	72	84	76	60	73	67	58	63	68	68	75	81	80	79	86	80	50	54	63	54	75	71	70	68	75	69.9
	MIN	54	52	44	42	40	43	33	44	44	28		49	29	22	45	45	48	51	57	66	70	50	41	29	30	28	37	44	31	40	57	43.1
MATTOON	MAX	86	61	73	59	60	61	69	78	56	57	67	58	51	60	62	57	74	77	77	76	84	75	43	53	51	51	71	74	70	67	72	65.5
	MIN	52	52	47	42	40	44	38	51	39	32	46	38	29	27	46	49	52	58	62	65	67	41	34	37	32	29	41	37	37	37	51	43.6
MOWEAQUA	MAX	77	66	72	60	62	63	70	79	76	59	71	57	54	64	64	60	73	81	77	81	87	81	50	55	54	53	74	71	71	67	72	67.8
	MIN	54	53	40	47	42	41	36	49	37	27	32	44	29	23	44	48	53	59	63	66	70	49	40	30	29	29	40	40	36	47	59	43.7
NEWTON 6 SSE	MAX	86	86	60	77	62	62	64	71	82	52	59	71	62	54	61	65	62	76	79	81	78	86	77	45	53	59	54	73	66	71	70	67.9
	MIN	55	52	44	44	40	40	36	39	47	29	31	44	29	24	29	47	50	54	55	63	66	70	42	34	31	27	31	43	34	35	50	42.4
OLNEY 2 S	MAX	86	64	77	65	63	65	71	83	78	60	73	66	58	61	67	69	78	80	81	78	88	80	53	54	62	56	75	68	71	71	77	70.3
	MIN	55	53	44	45	40	49	35	45	49	29	44	48	32	24	45	51	50	56	63	67	69	53	43	30	30	30	40	45	34	51	60	45.5
PALESTINE	MAX	85	65	76	62	59	64	68	80	67	58	70	61	53	62	63	62	77	78	78	78	85	78	51	52	57	53	74	65	71	71	76	67.7
	MIN	59	53	48	46	39	49	38	46	44	31	44	47	31	27	46	51	50	56	62	62	69	50	44	38	34	27	40	45	44	44	59	45.9
PARIS WATERWORKS	MAX	84	68	73	61	59	60	66	76	65	58	67	60	50	61	64	58	77	78	77	77	84	78	51	52	50	52	72	63	70	68	75	66.3
	MIN	55	51	47	43	36	43	36	47	43	28	41	41	26	26	44	48	50	56	60	61	66	49	37	37	31	25	37	39	35	43	57	43.2
SALEM	MAX	86	66	77	63	64	65	72	85	81	60	73	68	58	62	67	71	70	79	80	79	86	81	51	54	62	58	74	66	69	70	72	70.0
	MIN	58	53	44	45	44	48	36	48	50	31	48	51	33	29	48	47	50	53	65	69	76	50	44	32	34	33	45	47	38	48	63	47.1
TUSCOLA	MAX	81	72	71	62	61	60	69	79	73	58	67	60	60	62	67	58	75	78	76	79	83	82		54	53	52	70	66	72	67	74	68.0
	MIN	53	54	44	40	41	48	38	39	45	31	45	45	29	26	43	48	51	57	63	65	75	51	44	38	32	28	48	44	32	51	56	45.3
VANDALIA 3 SW	MAX	87	85		79	67	65	65	74							63	67	67	76	80	80	86	86	73	50				78		73	72	
	MIN			42	42	43	40	33				33			22			51				70	73	42	32		38			36			
WINDSOR	MAX	85	65	72	61	71	67	71	80	79	60	69	64	55	63	64	59	75	79	78	78	84	79	51	53	53	53	71	73	72	68	72	68.5
	MIN	53	51	46	42	36	49	36	50	44	32	43	48	29	30	46	49	52	52	62	65	68	51	39	33	35	26	38	38	40	48	59	44.8
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	84	76	78	66	66	70	77	84	77	58	73	70	60	61	70	72	76	78	79	78	84	80	58	55	65	62	75	68	67	71	70	71.2
	MIN	59	52	46	47	39	47	41	48	40	35	44	50	36	31	46	55	48	50	61	67	72	56	39	34	36	35	39	51	45	49	60	47.0
BELLEVILLE SO ILL UNIV	MAX	88	75	77	66	67	67	76	89	88	62	76	75	63	63	68	77	76	78	82				52	55	64	63			71	71	72	71.6
	MIN	66	56	55	40	31	46	34	42	45	27	47	52	35	24	48	54	47	50	66			50	41	29	30	32			51	47	62	44.7
CAHOKIA	MAX	86	89	75	74	65	74	70	75	90	53	64	76	67	60	63	68	76	77	78	78	80	89	73	54	55	65	62	77	77	71	69	71.9
	MIN	52	57	44	41	33	47	35	48	49	29	40	48	35	27	49	49	54	50	50	63	71	62	41	32	33	32	34	34	33	51	56	44.5
CAIRO WSO CI	MAX	85	73	79	68	67	73	81	86	72	59	74	75	55	64	74	77	77	80	81	82	87	75	59	57	66	65	76	68	66	75	73	72.5
	MIN	62	56	55	50	45	52	47	58	45	40	50	51	42	39	54	56	60	60	65	71	74	49	44	41	41	43	54	57	56	56	56	52.5
CARBONDALE SEWAGE PL	MAX	84	83	69	78	67	65	70	76	84	54	58	76	69	56	61	69	73	77	79	79	78	85	73	56	55	65	68	75	65	68	71	70.5
	MIN	54	53	41	42	33	34	32	32	51	29	30	48	36	25	25	47	47	48	50	62	69	69	41	27	28	30	34	36	32	35	53	41.1
CARLYLE RESERVOIR	MAX	84	87	68	79	64	66	65	74	87	59	61	74	66	62	63	66	72	68	79	81	81	87	73	50	54	64	58	75	64	68	69	69.9
	MIN	51	47	47	43	39	41	38	39	49	31	32	50	30	30	34	47	53	57	52	62	69	69	41	30	31	35	35	45	43	48	50	44.1
DU QUOIN 4 SE	MAX	85	68	80	67	68	77	87	80	71	61	76	66	56	62	69	74	77	81	81	80	87	76	54	54	68	58	77	66	70	70	71	71.5
	MIN	52	45	41	39	34	46	37	48	34	30	48	38	28	24	47	57	50	53	65	62	71	43	34	32	30	35	39	40	34	46	48	42.9
KASKASKIA R NAV LOCK	MAX	86	88	75	80	72	70	70	77	90	55	62	76	67		63	71	76	68	70	77	82	88	75	55	57	69	62	78	69	70	68	72.2
	MIN	55	43	46	42	35	36	39	42	53	31	33	49	33	30	30	53	57	52	55	59	68	70	40	33	32	35	35	47	35	36	54	43.8
MARION 4 NNE	MAX	85	85	62	79	67	65	68	67	85	54	60	75	65	56	63	67	74	78	81	80	79	86	73	56	56	66	60	67	65	70		69.8
	MIN	57	54	44	44	35	35	35	38	52	31	31	50	35	26	27	49	51	51	51	64	70	69	42	31	31	31	36	45	38	42		43.2
NASHVILLE 4 NE	MAX	87	66	77	62	65	64	73	87	82	58	73	71	59	61	68	76	71	80	82	80	87	81	49	52	61	55	75	70	68	67	70	70.2
	MIN	56	53	47	46	42	46	40	51	44	33	48	56	33	33	49	53	55	55	64	69	71	49	41	31	37	33	45	47	42	48	61	47.7
SPARTA	MAX	89	72	81	65	68	68	77	90	77	60	76	68	60	62	69	76	70	80	82	81	87	81	57	55	67	60	78	72	71	70	71	72.3
	MIN	55	55	49	44	35	47	39	52	43	31	47	53	33	30	48	55	54	54	65	68	70	57	40	30	37	34	44	48	40	51	62	47.4
WATERLOO	MAX	85	88	74	76	66	66	67	75	89	52	59	75	68	57	62	69	75	66	76	79	81	86	62	53	57	66	57	75	65	69	68	69.8
	MIN	57	55	47	40	35	40	39	44	51	30	39	53	30	30	35	48	55	55	60	64	71	61	39	30	35	33	38	45	40	50	55	45.3
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	87	82	79	77	63	67	72	85	82	58	72	72	62	60	67	72	82	81	80	79	85	86	60	54	61	59	74	73	73	69	76	72.5
	MIN	60	51	49	47	43	51	40	50	44	39	44	55	33	30	42	47	52	55	62	65	70	59	42	34	36	33	33	44	32	51	59	46.8
BROOKPORT DAM 52	MAX	83	77	77	74	65	71	76	83	78	59	72	73	61	61	73	75	77	79	79	81	84	80	59	57	66	62	76	69	66	72	74	72.2
	MIN	58	53	46	51	37	51	37	49	41	32	46	49	39	28	42	50	49	52	61	67	71	54	43	30	32	35	47	56	47	47	62	47.2
DIXON SPRINGS AGR C	MAX	82	83	77	77	65	68	75	83	83	57	71	72	62	61	68	75	77	79	79	81	85	84	61	56	64	64	74	73	67	72	73	72.5
	MIN	58	52	43	46	36	49	36	51	41	32	46	50	36	25	45	56	51	51	65	69	72	58	39	29	30	35	50	53	43	50	57	46.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
FAIRFIELD RADIO WFIW	MAX	85	80	77	74	63	65	71	83	83	58	72	70	60	60	67	71	78	78	80	80	85	82	56	53	60	57	75	72	71	68	74	71.2
	MIN	57	53	44	47	42	49	35	55	43	30	44	51	33	25	42	50	50	52	63	62	71	56	43	31	31	32	41	45	38	45	63	45.9
HARRISBURG	MAX	84	77	79	69	65	68	75	85	79	58	74	66	58	64	69	75	78	80	80	84	87	79	56	55	65	60	77	70	70	72	76	72.1
	MIN	57	54	45	48	39	51	39	46	42	33	47	54	37	28	42	53	48	50	63	69	72	51	44	31	31	33	40	49	37	48	63	46.6
MC LEANSBORO 2 ENE	MAX	87	87	60	79	66	61	67	73	80	54	59	74	63	56	63	70	74	79	83	80	80	87	77	52	55	64	58	75	64	70	70	69.9
	MIN	56	54	43	44	39	39	37	39	50	33	33	44	34	27	27	51	52	52	53	63	66	69	42	32	32	32	32	45	39	43	54	43.7
MT CARMEL	MAX	86	83	59	75	65	62	68	71	83	53	58	71	64	55	60	66	70	78	79	79	80	84	77	53	53	61	55	74	63	70	69	68.5
	MIN	62	52	49	48	45	43	38	37	51	34	33	45	36	30	30	47	52	53	55	63	66	70	43	32	34	33	32	42	40	41	54	44.8
MT VERNON 3 NE	MAX	78	78	78	70	65	70	72		76		72	63	61	62	63	74	75	82	81	81	86	78	51	54	64	64	74	74	70	69	72	70.9
	MIN		50	42	48	36		40		40	29	44	49	35	24		50	49	50	62	69	69	50	41	29	28	29	36	45	34	45		43.2
RENO LAKE DAM	MAX	83	86		80	66	66	67	71	85	53	60	75	65	57	63	69	75	78	81	82	80	87		53	55	65	58	76	64	70	71	70.4
	MIN	57	53	46	46	39	41	36	38	38	31	32	50	36	27	28	49	55	55	56	65	70	72	42	33	32	32	37	45	44	50	54	44.8
ROSICLARE	MAX	81	76	75	69	62	68	69	82	77	55	69					71	73	77	79	82	85	82	57	54	57	63	76	72	66	71	75	71.2
	MIN	59	51	48	50	38	50	38	47	44	33	46					53	44	48	60	65	67	55	42	31	33	35	42	53	42	49	55	47.3

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	70	75	70	61	61	61	60	64	60	59	55	57	56	55	55	56	56	59	62	62	64	67	65	65	54	53	50	52	55	54	54	59.6
		MIN	66	63	61	58	57	55	55	55	55	53	51	52	50	50	49	49	49	55	56	56	60	64	56	50	48	47	45	47	50	49	49	53.5
	8	MAX	70	69	68	65	63	63	63	61	61	61	58	58	58	57	56	56	57	59	61	62	64	65	65	65	56	56	54	54	54	55	55	60.3
		MIN	69	67	65	63	62	61	60	59	60	58	57	58	56	55	54	54	55	57	59	60	62	64	61	56	55	54	52	53	54	54	54	58.3

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG
* * * NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.20	.17	.09	-	-	.14	.14	.09	.08	.28	.13	-	.05	.12	.12	.21	.03	.12	.09	.15	.12	.20	-	.11	-	-	-	-	-	-	-	-
	WIND	12	85	30	35	37	43	67	17	55	42	47	57	92	31	30	22	15	21	46	60	88	84	139	98	35	26	43	-	-	-	-	15588
	MAX	82	82	60	63	58	62	61	68	74	74	64	65	48	45	55	66	65	72	73	75	76	82	78	78	70	56	41	-		-	-	66.4
	MIN	57	53	40	44	40	40	41	41	47	40	32	45	34	32	37	48	43	54	57	62	63	66	39	37	36	35	34	-	-		-	44.3
* * * EAST 05																																	
URBANA	EVAP	.10	.12	.03	.05	.09	.09	.06	.12	.06	.07	.08	.10	-	.07	.09	-	-	.03	.09	.07	.11	.12	.08	.05	.05	-	.07	.07	.08	.09	.04	2.398
	WIND	18	44	35	33	42	39	39	39	42	34	45	43	58	31	30	34	12	4	38	77	96	95	142	89	44	33	33	44	43	18	47	1421
	MAX	80	76	59	61	64	59	56	66	65	56	54	64	58	58	59	62	54	65	73	68	73	78	64	40	54	49	51	57	62	63	60	61.5
	MIN	55	58	47	43	41	40	41	38	44	35	35	40	33	33	32	42	47	48	54	57	58	59	39	36	37	32	35	37	39	42	41	42.5
* * * WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.05	.00	.14	.13	.06	.43	.25	.10	.22	.14	.22	.17	.15	.13	.21	.05	.03	.10	.11	.23	.24	.14	.11	.08	.08	.12	.11	.08	.19	.14	.06	4.27
	WIND	76	155	29	54	59	140	28	40	122	59	129	111	104	31	62	59	25	41	94	142	139	135	219	71	44	60	99	33	37	101	195	2693
	MAX	80	75	62	59	73	75	75	78	69	63	68	63	57	62	65	63	67	76	72	78	84	79	52	56	55	53	64	66	66	65	66	67.3
	MIN	58	53	47	43	46	45	40	50	47	39	46	48	35	34	42	52	56	56	61	63	67	49	40	37	38	35	41	44	42	45	57	47.0
* * * SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.15	.22	.14	.12	.15	.23	.21	.17	.22	.08	.19	.22	.17	.21	.32	.03	.07	.01	.19	.24	.17	.33	.05	.17	.08	.14	.10	.10	.08	.11	.06	4.73
	WIND	51	107	71	62	44	78	61	41	105	52	105	67	94	43	69	52	27	16	95	152	207	192	128	51	38	96	68	74	27	39	111	2423
	MAX	95	81	62	69	65	74	66	71	76	56	56	70	64	60	60	55	64	62	73	72	74	79	66	50	57	60	55	65	66	67	56	66.0
	MIN	60	51	44	46	42	40	39	39	45	32	35	43	33	42	31	50	51	53	55	60	62	65	35	34	33	36	36	41	45	45	48	44.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 3 W	SNOWFALL																									T						
	SN ON GNO																															
MOLINE WSO AP	SNOWFALL																									T						
	SN ON GNO																															
	WTR EOUIV																															
ROCKFORO WSO AP	SNOWFALL																							T								
	SN ON GNO																															
	WTR EOUIV																															
* * * NORTHEAST 02																																
OE KALB	SNOWFALL											T												T		T						
	SN ON GNO																															
* * * EAST 05																																
PIPER CITY 3 SE	SNOWFALL																									T						
	SN ON GNO																															

SEE REFERENCE NOTES FOLLOWING STATION INOEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY WSCMO AP R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR O CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560				C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE O NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT O QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630				C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	514	7P	7P			H M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD O BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	615		6P			LEICESTER W CLARKE
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

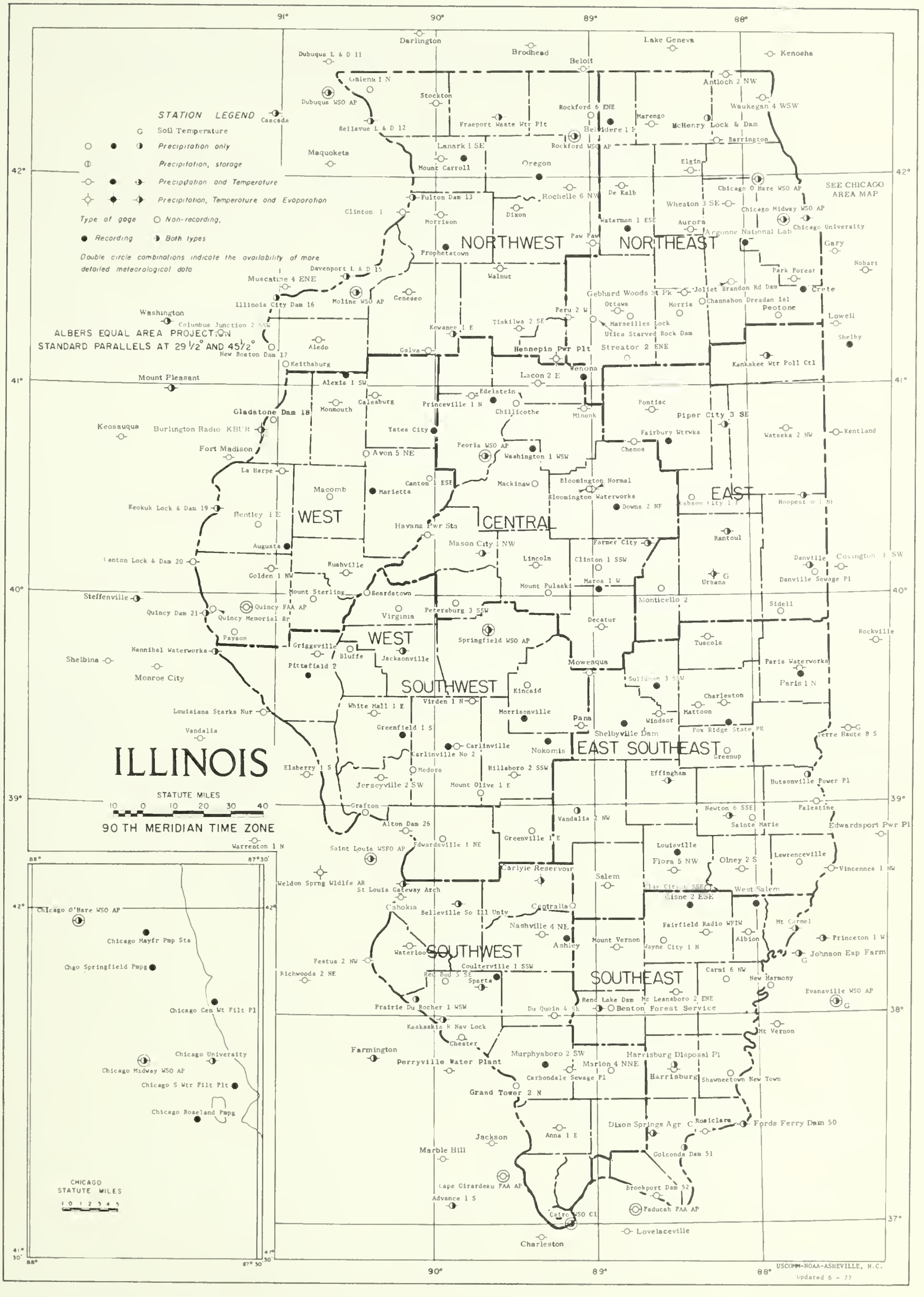
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1240



USCOMM-NOAA-ASHEVILLE, N.C.

Updated 6 - 77

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS
BULK RATE

214/12: 84/11

NOVEMBER 1979 VOLUME 84 NUMBER 11

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CAHOKIA	78	DATE	20
LOWEST TEMPERATURE:	3 STATIONS	11	DATE	30+
GREATEST TOTAL PRECIPITATION:	2 STATIONS	7.77		
LEAST TOTAL PRECIPITATION:	PERU 2 W	1.54		
GREATEST 1 DAY PRECIPITATION:	DIXON SPRINGS AGR C	2.15	DATE	09
GREATEST TOTAL SNOWFALL:	ELGIN	5.0		
GREATEST DEPTH OF SNOW OR ICE:	PAW PAW	3	DATE	29

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	29	SW	27	-	-	-	-	1	1	2	3	2	0	9	49	-
CHICAGO O HARE WSO AP	24	6.0	10.9	26++	26	29+	68	72	58	62	9	6	5	2	0	0	22	-	7.5
CHICAGO MIDWAY WSCMO AP	23	5.9	10.9	30	SW	28+	70	73	63	63	10	5	6	2	0	0	23	37	7.6
MOLINE WSO AP	25	6.2	11.5	27	W	28	78	80	61	68	7	6	4	1	0	0	18	40	6.7
PEORIA WSO AP	23	4.4	9.6	24	NE	20	82	86	65	72	4	5	6	0	1	0	16	47	7.1
ROCKFORD WSO AP	24	5.2	10.8	26++	9	21	83	85	67	72	6	9	3	2	0	0	20	-	7.3
SPRINGFIELD WSO AP	23	5.4	11.0	30	NW	28	80	85	64	71	4	6	4	1	0	0	15	40	7.0

UNIVERSITY LIBRARY
MAR 3 1980
TECH & AGR. DIV

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																							
NORTHWEST D1																							
ALEDO	47.6	29.9	38.8	- .9	69	18	18	30	781	0	2	19	0	1.85	.04	1.06	21	.8	T	29	4	1	1
DIXON 3 W	45.8M	29.5	37.7M	- 1.5	69	19+	17	11	824	0	3	23	0	2.56	.44	1.14	21	.5	T	30+	5	2	1
FREEPORT WASTE WTR PLT	46.0	29.3	37.7		68	19+	15	11	815	0	3	20	0	3.12		1.20	21	1.0	1	26	5	3	1
FULTON DAM 13	46.4	30.3	38.4	- 1.2	68	19+	19	30+	793	0	3	20	0	2.72	.61	1.20	21	T	T	30+	5	3	1
GALVA	46.5	30.0	38.3	- 1.5	68	20	17	30	793	0	3	20	0	2.45	.51	1.14	21	2.5	2	29	4	2	1
GENESEO	46.5	30.5	38.5		68	19+	19	11	786	0	4	21	0	2.22	.33	.85	20	1.7	T	28	5	1	0
HENNEPIN POWER PLANT	50.2M	27.7	39.0M		72	20+	11	11	771	0	2	22	0	2.12		1.00	21				5	2	1
KEWANEE 1 E	47.3	28.8	38.1	- 1.4	69	20+	14	11	803	0	3	21	0	2.02	- .06	.96	21	3.5	2	30+	3	2	0
MOLINE WSO AP R	46.2	27.8	37.0	- 2.2	69	18	14	10	831	0	4	23	0	2.13	.26	.94	20	1.9	T	30+	5	1	0
MORRISON	47.4	27.9	37.7	- 1.7	69	19+	15	11	815	0	2	24	0	2.64	.56	1.14	21		2	28	6	2	1
MOUNT CARROLL	46.2	26.2	36.2	- 1.9	69	19	12	11	856	0	2	23	0	2.89	.69	1.25	21	.7	T	30+	4	3	1
PAW PAW	45.8	27.2	36.5		69	1	15	11	849	0	4	22	0	2.62	.47	1.04	21	3.0	3	29	5	2	1
ROCHELLE	46.1	25.1M	35.6M		70	1	11	11	889	0	4		0	2.87		1.20	21	1.5	2	26	5	2	1
ROCKFORD WSO AP //R	44.7	27.0	35.9	- 1.7	68	18	12	11	866	0	5	22	0	2.43	.06	.87	21	4.9	1	26	5	2	0
STOCKTON 1 N	44.5	27.3	35.9		65	19+	11	30	868	0	4	21	0	2.05		1.06	21	.5	1	13	4	2	1
TISKILWA 2 SE	48.6M	29.7M	39.2M		74	18	18	14	766	0	1	19	0	2.54	.65	1.08	21	4.0	2	28+	3	2	1
WALNUT	48.6	30.5	39.6	.0	69	18+	17	11	755	0	3	18	0	2.42	.52	1.01	21	.2	0		3	2	1
DIVISION			37.7	- 1.2										2.45	.36			1.8					
* * *																							
NORTHEAST D2																							
ANTIOCH 2 NW	45.8	28.4	37.1	- 1.2	68	1	12	11	831	0	3	22	0	2.93	.68	.85	21	3.4	1	26+	7	2	0
AURORA		29.2	M				15	11				21	0	2.84	.69	1.15	21		T	30+	5	2	1
BARRINGTON	46.5	29.3	37.9		69	1	15	11	805	0	3	21	0	3.45		1.01	21	T	T	30+	8	2	1
CHICAGO O'HARE WSO AP R	48.5	32.7	40.6	1.4	71	18	18	11	722	0	1	15	0	2.80	.70	.91	21	4.0	T	30+	7	2	0
CHICAGO UNIVERSITY //	49.4	35.6	42.5	1.3	72	1	22	30	666	0	1	12	0	4.07	1.93	1.23	26+		T	29	6	3	2
CHGO MIDWAY WSCMO AP //R	47.8	33.2	40.5	.1	70	18	21	11	726	0	1	15	0	2.75	.55	.78	21	2.1	T	30+	8	2	0
DE KALB	47.8	30.8	39.3	1.3	69	1	14	11	764	0	3	16	0	2.70	.28	.94	21	3.4	1	29+	6	2	0
ELGIN	45.9	27.2M	36.6M		69	1	16	12+	868	0	3	22	0	3.04	.74	.90	22	5.0			7	3	0
GEBHARD WOODS ST PARK	49.0M	28.0M	38.5M		71	1	16	11	781	0	3	22	0	3.09		1.04	26	T	0		7	2	1
JOLIET BRANDON RD DAM	49.2	29.4	39.3	- 1.1	72	1	18	29+	760	0	1	21	0	2.90	.81	1.07	21				7	2	1
MARENGO	47.6	29.6	38.6	.9	70	18	12	11	786	0	3	17	0	2.72	.47	1.20	21				7	2	1
OTTAWA	51.2	32.4M	41.8M	.7	73	19	17	14+	678	0	2	13	0	2.48	.55	.93	21	T	T	29+	5	2	0
PARK FOREST	47.1	29.9	38.5		72	1	16	11	785	0	3	21	0	5.59	3.42	1.40	29	.5	2	30	7	4	4
PERU 2 W	50.7	33.0	41.9	1.5	70	18	21	8	687	0	2	15	0	1.54	- .36	.87	20				4	1	0
WAUKEGAN	47.1	28.7	37.9	- 1.4	68	19+	16	12+	806	0	2	20	0	3.28	1.01	.96	21	1.3	0		8	3	0
WHEATON 3 SE	48.8	31.0	39.9		69	18	14	11	746	0	2	17	0	3.57	1.35	1.28	21	.4	T	10	7	2	2
DIVISION			39.4	- .3										3.11	.95			1.8					
* * *																							
WEST D3																							
GALESBURG	46.9	29.8	38.4		70	19	17	11	792	0	4	21	0	2.50	.54	1.24	21	1.2	0		4	2	1
GOLDEN 1 NW	51.7	32.3	42.0		74	19	18	29	681	0	1	14	0	2.23	.38	.98	21				5	2	0
LA HARPE	49.5	30.2	39.9	- 1.2	71	19	17	11	748	0	2	17	0	2.34	.59	1.42	21	2.5	T	29+	5	1	1
MONMOUTH	48.2	31.4	39.8	- .4	71	19	17	11	750	0	2	16	0	2.12	.25	.93	21	3.0	1	29+	4	1	0
QUINCY FAA AP	50.1	33.1	41.6		72	19	20	30	696	0	1	16	0	2.51	.74	1.92	20	.1	T	30+	4	1	1
QUINCY DAM 21 //	51.1	29.3	40.2		71	19	19	30	738	0	2	21	0	2.29	.65	1.60	21	T	0		3	1	1
RUSHVILLE	50.4	31.8	41.1	- .8	74	19	17	30	711	0	2	15	0	2.22	.03	.71	21	T	T	29	6	2	0
DIVISION			40.4	- 1.0										2.32	.38			1.1					
* * *																							
CENTRAL D4																							
CHENOA	49.2	30.2	39.7		72	19	13	11	749	0	2	19	0	2.36		.89	21	1.2	1	30+	6	2	0
DECATUR	52.0	31.2	41.6	- 1.1	74	19	14	11	697	0	2	18	0	2.40	- .35	1.29	26	T	0		6	1	1
FARMER CITY	50.3	31.4	40.9		74	19	18	11	716	0	3	16	0	2.51		1.29	26	T	0		8	1	1
HAVANA 4 NNE	50.5	29.7	40.1		74	20	16	11	741	0	3	19	0	3.07	.90	1.51	21	.5	1	29	6	2	1
LACON 2 E	50.5	30.9	40.7		74	19	15	11	724	0	2	16	0	3.12		1.28	21	.5	1	29	5	2	2
LINCOLN	50.7	32.3	41.5	- .4	74	19	18	11	697	0	1	14	0	2.48	.23	.98	26	T	T	29	7	2	0
MASON CITY 1 NW	50.3	31.1	40.7		74	19	17	11	721	0	1	15	0	2.60		.96	21	.1	T	29	5	2	0
MINONK	49.0	28.8	38.9	- .9	71	1	18	11	777	0	2	20	0	0 2.92	.89	1.20	26	1.6			5	2	2
NORMAL	50.8	32.0	41.4	- .4	73	19	16	11	701	0	2	15	0	2.56	.21	.86	21	1.6	1	29	6	2	0
PEORIA WSO AP //R	47.2	28.7	38.0	- 1.9	71	19	15	11	804	0	4	21	0	2.76	.74	1.13	20	.8	T	30+	7	1	1
PRINCEVILLE	49.7	30.5	40.1		73	19	15	11	740	0	2	19	0	2.24	.39	1.25	21	.3			5	2	1
DIVISION			40.3	- 1.0										2.64	.41			.6					
* * *																							
EAST D5																							
DANVILLE	51.1	32.5	41.8	- .2	73	1	18	14	690	0	2	15	0	3.76	.94	.97	26	1.3	T	29+	9	3	0
HOOPESTON 1 NE	48.6	32.6	40.6	- .6	68	19+	18	11	724	0	2	14	0	3.20	.62	1.38	26	.9	T	30+	8	2	1
KANKAKEE WTR POLL CTR	49.1	29.4M	39.3M		74	1	20	30	768	0	2	21	0	3.69		1.31	26	1.0	1	29	7	3	1
PIPER CITY 3 SE	49.2	31.1	40.2	- .4	71	19	16	11	737	0	2	15	0	1.98	- .01	1.03	26	.2	T	30+	6	1	1
PONTIAC	50.1M	31.5M	40.8M	- .4	71	19	16	11	720	0	3	16	0	2.68	.75	1.08	26	1.0	T	30+	5	2	1
RANTOUL	49.2	30.1	39.7		73	19	18	11	750	0	1	19	0	2.81	.30	1.45	26	1.0	1	29	5	2	1
URBANA	48.7	32.9	40.8	- .8	71	19	20	30+	719	0	2	13	0	2.71	.15	1.31	25	2.2	1	29	5	1	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	48.7	29.0	38.9		75	1	17	11	775	0	3	21	0	3.90	1.49	1.66	26	T	T	29	10	1	1
DIVISION			40.3	- .8										3.09	.75			1.0					
* * * WEST SOUTHWEST 06																							
ALTON DAM 26	52.6	34.0	43.3		70	19+	20	30	642	0	1	14	0	2.17		1.05	26	T	0		3	2	1
CARLINVILLE	52.6	32.1	42.4	- .9	73	19	15	11	672	0	1	14	0	2.16	- .42	.93	26	T	0		4	1	0
GRIGGSVILLE	50.6	33.7	42.2	- .9	73	19	18	30+	675	0	1	12	0	1.88	- .35	1.07	21		T	29	5	1	1
HILLSBORO	52.9	31.2	42.1	- 1.8	74	19	13	14	683	0	1	18	0	2.58	- .28	1.30	25	T	0		4	2	1
JACKSONVILLE 2 E	50.7	28.9	39.8	- 3.3	73	20	18	30+	751	0	3	20	0	2.36	.05	.85	26	.8	T	29	5	2	0
JERSEYVILLE 2 SW	51.8	30.0	40.9		73	20	16	11	715	0	3	16	0	2.00		.87	26	.0	0		4	1	0
MORRISONVILLE	52.3M	30.5M	41.4M		73	20	18	30	703	0	3	19	0	2.15		1.19	26	.5	T	29	3	1	1
PANA	50.8	33.9	42.4	- .5	72	19	19	30	672	0	1	15	0	2.95	.07	1.40	26	.4	T	30+	7	1	1
SPRINGFIELD WSO AP R	51.4	32.6	42.0	.1	75	19	19	30	684	0	1	16	0	1.98	- .16	.76	25	.8	T	30+	5	1	0
VIRDEN 1 N	52.2	32.9	42.6		73	19	16	11	665	0	1	14	0	2.32	- .19	1.36	26	1.0	1	27	3	2	1
WHITE HALL 1 E	52.7	32.6	42.7	- 1.1	75	19	18	11	662	0	1	15	0	1.99	- .25	.66	26	.0	0		6	1	0
DIVISION			42.0	1.3										2.23	- .30			.4					
* * * EAST SOUTHEAST 07																							
CHARLESTON	51.0	33.6	42.3	- .8	71	19	20	30+	674	0	1	13	0	3.96	.76	1.53	26	1.2	1	29+			1
EFFINGHAM 3 W	50.6	30.2	40.4	- 2.7	72	1	18	14	732	0	1	19	0	3.24	.05	1.28	26	1.0	T	30+	8	1	1
FLORA 5 NW	53.9	32.2	43.1	- 1.6	73	19+	16	11	653	0	1	15	0	4.19	.97	.91	25	.2	0		6	5	0
MATTOON	49.4	33.2M	41.3M		70	19	20	30	694	0	2	15	0	2.87		1.27	25	.5	T	29+	6	2	1
MOWEAQUA	52.6	30.8M	41.7M		75	20	15	11	712	0	2	15	0	2.57		1.54	26				4	1	1
NEWTON 6 SSE	51.8	32.0	41.9		74	1	21	30+	683	0	1	17	0	4.37	1.27	1.20	26	T	T	30+	6	5	1
OLNEY 2 S	53.4	34.0	43.7	- 1.4	72	19	19	14	630	0	1	15	0	6.11	2.62	1.23	25	T	0		8	6	2
PALESTINE	52.6	34.3	43.5	- .6	70	19	22	14	638	0	1	15	0	5.24	1.87	1.60	1	.5	T	29	6	5	2
PARIS WATERWORKS	50.9	32.5	41.7	- .9	69	19	19	30+	694	0	2	16	0	4.50	1.41	1.24	25	.3	T	29	8	4	2
SALEM	53.6	34.2	43.9		71	19+	21	30	624	0	1	14	0	3.70		.89	9	.0	0		7	4	0
TUSCOLA																							
VANDALIA 3 SW	53.9	M	M		72	20+	19	30		0	1	12	0	4.29		1.21	26				7	5	1
WINDSOR	51.7	32.9	42.3	- .4	72	19	19	30+	675	0	1	14	0	2.78	- .25	.66	26	.5	T	30+	6	2	0
DIVISION			42.3	- 1.1										3.99	.83			.4					
* * * SOUTHWEST 08																							
ANNA 1 E	55.6	35.5	45.6	- 1.0	73	20	21	30	579	0	0	13	0	6.11	2.35	1.55	9	T	0		7	5	3
BELLEVILLE SO ILL UNIV	54.9	33.3	44.1		73	19	18	30	620	0	1	17	0	3.33				.0	0				
CAHOKIA	55.6	32.3M	44.0M		78	20	19	14+	622	0	0	16	0	2.46		.78	9	T	0		5	3	0
CAIRO WSO CI R	56.2	40.6	48.4	.1	74	20	26	30	495	0	1	5	0	5.43	1.58	1.38	21	T	T	29	7	5	2
CARBONDALE SEWAGE PL	54.3	30.7	42.5	- 3.7	73	21	18	14	669	0	1	19	0	6.31	2.83	2.05	9	T	0		8	4	3
CARLYLE RESERVOIR	53.4	34.1	43.8	- .7	73	20	19	30	628	0	1	16	0	3.51	.46	1.17	26	T	T	29	7	3	1
DU QUOIN 4 SE	53.8	31.5	42.7	- 3.3	72	20	20	14+	664	0	0	17	0	5.20	1.81	1.42	25+	T	0		6	5	2
KASKASKIA R NAV LOCK	55.3	32.9	44.1		74	20+	20	29	620	0	1	16	0	4.34		1.25	9	.0	0		8	4	1
MARION 4 NNE	54.8	32.4	43.6		72	21+	20	30+	633	0	1	17	0	6.77	3.43	2.01	9	T	0		7	4	3
NASHVILLE 4 NE	53.8	35.6	44.7		70	17	20	30	600	0	1	12	0	3.40	.24	1.24	26	T	0		7	2	1
SPARTA	55.0	35.1	45.1	- 1.2	73	19+	20	30+	593	0	1	13	0	4.32	1.15	1.05	9	T	0		7	4	2
WATERLOO	53.7	35.0	44.4		75	20	19	30	612	0	1	13	0	3.89	1.05	1.59	26	.0	0		6	3	1
DIVISION			44.4	- 1.7										4.59	1.26			T					
* * * SOUTHEAST 09																							
ALBION	55.0	35.5	45.3		72	19	21	30+	584	0	1	9	0	5.07	1.46	1.00	8	.0	0		8	6	1
BROOKPORT DAM 52	57.1	35.3	46.2		72	20+	23	29	555	0	0	14	0	6.93	3.15	1.44	23	T	T	28	8	5	4
DIXON SPRINGS AGR C	56.7	35.9	46.3		72	20+	20	30	553	0	0	11	0	7.77		2.15	9	T	0		9	5	2
FAIRFIELD RADIO WFIW	54.1	34.8	44.5	- .9	71	19	21	29+	608	0	1	13	0	6.83	3.26	1.73	9	T	T	29	8	6	2
HARRISBURG	56.1	35.7	45.9	- 1.0	74	20	22	30+	566	0	1	13	0	6.93	3.51	1.82	9	T	0		10	7	2
MC LEANSBORO 2 ENE	54.3	34.4	44.4	- 1.7	75	1	22	14	612	0	1	15	0	5.96	2.61	1.47	22	T	0		8	5	2
MT CARMEL	53.8	34.5	44.2		76	1	23	30+	620	0	1	17	0	6.61		1.26	23	T	T	29	7	6	3
MT VERNON 3 NE	54.5	33.1	43.8	- 1.3	72	18+	18	14	625	0	0	14	0	5.27	1.95	1.54	26	.5	1	29	7	4	3
RENO LAKE DAM	55.4	35.7	45.6		73	21	22	30+	574	0	1	13	0	4.03		1.62	26				5	3	2
ROSICLARE	56.0	34.7	45.4		73	20	23	30+	581	0	0	14	0	7.77	4.20	1.95	9	.3	0		9	7	4
DIVISION			45.2	- .8										6.32	2.83			.1					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	1.85					.05			.05	.06				T							.20	1.06					.27	.16	T	T		.
DIXON 3 W	2.56	.15					.10		.04		.02			.02								1.14	.05				.86		.16	.02	T	.
FREEPORT WASTE WTR PLT	3.12	.50	.03				.21		.01		.03			.01								1.20	.22	T			.89	T	.02	T		.
FULTON DAM 13	2.72	.51					.15		.04		.03											1.20	.02	T			.61	T	.16	T		.
GALENA 1 N	3.11	.40	T				.87				T			.10								1.10	.20		T		44		T	T		.
GALVA	2.45	.29							.04	.01	T			.04								1.14	.05				.62	T	.23	.03	T	.
GENESEO	2.22	T				.01	.02	.03	T	.03			T	T							.85	.41	.02			.12	.49	.22	.02	T	T	.
HENNEPIN POWER PLANT	2.12	.18					.07															1.00	.14				.53	T	.20	T		.
ILLINOIS CITY DAM 16 //	1.87	.29					.05		T		.04			T								1.20	T	T			.15	T	.14	T	T	.
KEITHSBURG	2.20	.31					.09	T	.01	T				.08								1.26	.02	T			.25	.01	.17	T		.
KEWANEE 1 E	2.02			T			.02		.01	.02	.01			.02								.96	.05	T	T		.65	.02	.25	.01		.
MOLINE WSO AP R	2.13	T				.02	.02	.04	T	.06	T		T								.94	.41	T	T		.10	.35	.15	.02	.02	T	.
MORRISON	2.64	.24					.08		.04		.10			T								1.14	.10	T			.74	T	.16	.04		.
MOUNT CARROLL	2.89	.54	T	T			.17		.03		.02			T								1.25	.06				.77	.03	.01	.01		.
NEW BOSTON DAM 17	2.05	.31					.05		T	T				T								1.38	.02				.10	T	.17	.02		.
PAW PAW	2.62	.19					.04		T													1.04	.22				.89		.24	T	T	.
ROCHELLE	2.87	.39					.08		T		T											1.20	.20				.82		.18	T		.
ROCKFORD 6 ENE	2.72	.51					.15	T			.04			.02								1.14	.08				.75	T	.03		T	.
ROCKFORD WSO AP //R	2.43	T		T		.03	.12	.02	.01	.06	T		.02	T							.24	.87	.07	T		.30	.54	.09	.02	T	.04	.
STOCKTON 1 N	2.05						.25				T			.11								1.06					.63		T			.
TISKILWA 2 SE	2.54	T			T	.05			T	.03	T										T	1.08	.09			T	.96	.29	.04			.
WALNUT	2.42					T	.07		.05	.03	.02			.02								1.01	.05				.89	.28	T			.
* * * NORTHEAST 02																																
ANTIOCH 2 NW	2.93	.36	.01				.12	.09	.01	.02	.13	T		.10								.85	.42	.02	T		.71	.03	.05	.01		.
AURORA	2.84	.11					.04		.05	.01	.06			.01							.05	1.15	.15	.05			.92		.23	.01	T	.
BARRINGTON	3.45	.18					.11	T	.06	T	.10			.03		T				.01	.02	1.01	.31	.02			.91	.30	.30	.09		.
CHANNAHON DRESDEN ISL	2.90	.18					.03	T	.06	.02	.09	T									.20	1.27	.13				.89	.01	.02	T	T	.
CHICAGO O'HARE WSO AP R	2.80	T		T		T	.10	.01	.03	.06	.02		T	T		T				.17	.21	.91	.07	T		.73	.19	.25	T	T	.05	.
CHICAGO UNIVERSITY //	4.07	.79					.06		.05	.06	.11						.03			.04		1.23	.21				1.23	.04	.21	.01	T	.
CHGO MIDWAY WSCMO AP //R	2.75	T		T		T	.10	.01	.04	.13	T		T	T		T	T			.13	.23	.78	.08	T		.76	.18	.29	T	.01	.01	.
DE KALB	2.70	.16	T	T			.10		.03	.03	.05	T		T								.94	.25	T			.92	.22	T	T	T	.
ELGIN	3.04	.10					.11	.01	.02					T							T	.50	.90				.86	.06	.28		.20	.
GEBHARD WOODS ST PARK	3.09	.23							.11	T	.14	T	.06								.17	.92					1.04		.33	.09	T	.
JOLIET BRANDON RD DAM	2.90	.14					.02	.02	.07		.10	T									.20	1.07	.12	T			.90	T	.25	.01		.
MARENGO	2.72	.10					.12		.10	T	T			T								1.20	.30				.80	.10	T	T		.
MARSEILLES LOCK	2.66	.13					.08		.03	T	.07										.09	.92	.16				.94	T	.21	.03	T	.
MC HENRY LOCK AND DAM	2.81	.37	T				.13		.03		.12			.04								.87	.29	T			.82	T	.11	.03	T	.
MORRIS	2.78								.30													1.50					.98					.
OTTAWA	2.48						.22			.05	.06											.93	.12			T	.88	.20	.02	T		.
PARK FOREST	5.59	1.02					.04	.04	.07	.03	.10							.07				1.26	.23	.02			1.07	.02	.22	1.40	T	.
PEOTONE	3.00					.03	.04		.10	.10	.14										.03	.90	.15	T			1.28	.03	.20	T	T	.
PERU 2 W	1.54						T	T		.10											.87	.29						.25	.03			.
STREATOR 2 ENE	2.65	.13				.04			.05	.08	T									.06	.91	.15	T	.04	.03	1.02	.14	T	T	T	T	.
UTICA STARVED ROCK DAM	2.71	.23					.07		.02	T	.09									T		.83	.27	T			.97	T	.21	.02	T	.
WAUKEGAN	3.28	.56	T	T			.08	.12	.06		.09		.11			.05	T				.03	.96	.19	.11			.61	.08	.18	.05		.
WHEATON 3 SE	3.57	.38	.03						.15		.12										.36	1.28	.08				1.05	.12				.
* * * WEST 03																																
AVON 5 NE	2.37	.15					.05					T										1.52					.50	T	.15	T	T	.
BENTLEY 1 E	2.04	T				.01			.15	.06	.01			T							.80	.76				.10		.15	T	T		.
CANTON 1 ESE	2.79	T		.15	T				.15	.19	T							.04			T	1.55	.08		.03	.02	.58	T	T			.
GALESBURG	2.50	.32					.07		.01	T	T			T								1.24	.03		T		.55	T	.26	.02		.
GLADSTONE DAM 18	2.03	.25					.14		.04		.08			.04								1.01	.08				.12	T	.27	T	T	.
GOLDEN 1 NW	2.23								.12	.31											.62	.98					.07	.13				.
LA HARPE	2.34	.30					.04			.07		T		.05								1.42	.02				.18		.10	.16		.
MACOMB	1.99						.03		.10	T	.01											1.43	T				.34		T	.08		.
MONMOUTH	2.12					.07	.05		.02	.04				.02							.20	.93	.03				.47	.28	.01			.
MOUNT STERLING	2.21					T			.10	.25											.33	1.20					.24	.05	.03	.01		.
PAYSON	2.71	.44					.01		.15	.23	.04	T		T								1.76	T				T	T	.08	T	T	.
QUINCY FAA AP	2.51					T	T	.10	T	.30	T		T	.01							1.92	.13				T		.01	.01	.03		.
QUINCY DAM 21 //	2.29	.28					T		.08	.15	.06			.03								1.60	.02						.07	T		.
QUINCY MEMORIAL BRIDGE	1.99						T		.11	.13	.04	T		.02								1.61	T						.08	T	T	.
RUSHVILLE	2.22					.01			.15	.21	T										.64	.71	T			T	.32	.13	T	.05		.
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	2.31	.04					.03		.12	.21	.09									T		.81	.14	T			.77	.03	.07	T	T	.
CHENOA	2.36	.11					.04			.15	T									.02		.89	.04			.15	.78	.12	.06		T	.
CHILLICOTHE	3.02					.05			.08	T												1.41	.18				1.15		.15			.
CLINTON 1 SSW	2.20						T		.16	.17	.18	T										.33	.14	.02			1.02	.03	.13	.02	T	.
DECATUR	2.40	.13					T		.07	.24	.16	T										.23	.18	T			1.29		.07	.03		.
FARMER CITY	2.51	.16							.19	.17	.15											.21	.21				1.29		.12	.01	T	.
HAVANA 4 NNE	3.07	.37					T		.25	.15	.03	T										1.51	.18				.51		.04	.03		.
LACON 2 E	3.12	.23				T	.02		.06	.09											T	1.28	.20			T	1.02	.13	.01	.08	T	.
LINCOLN	2.48	.08					T		.24	.18	.15											.59	.11				.98		.15	T		.
MACKINAW	3.17					.02	T		.22	.31										.02	.04	1.20	.15			.15	.87	.10	.05	.04		.
MASON CITY 1 NW	2.60					T	.02		.26	.26											T	.96	.03			.12	.83	.09	.03	T		.
MINONK	0 2.92	.20							.25	T											.11	1.10	T				1.20		D .06	T	T	.
MOUNT PULASKI	1.84						.08			.21												.50	.05			.65	.20		.15			.
NORMAL	2.56	.06					.03		.16	.32	T									T		.86	.13			.02	.81	.03	.12	.02		.
PEORIA WSO AP //R	2.76	T				.01	T	.11	.01	.11	T										1.13	.30	.05	T		.41	.42	.14	.04	.03		.
PETERSBURG 3 SSW	2.25	.12					T		.15	.18	.11										T	.88	.04				.63		.12	.02		.
PRINCEVILLE	2.24									.12											T	1.25	.05			T	.58	.14	.10			.
* * * EAST 05																																
DANVILLE	3.76	.62					T		.11	.40	T									T		.15	.26	.36		.70	.97		.16	.03		.
DANVILLE SEWAGE PLANT	3.33					T	T	T	.10	.18	.30									.01	.02	.05	.33	.47		T	1.59		.21	.07	T	.
GIBSON CITY 1 E	2.22	.15					T		.10	.19	.21											.15	.04	.05			1.21		.10	.02		.
HOOPESTON 1 NE	3.20	.51					T	T	.12	.11	.25	T					T			T	T	.05	.40	.23			1.38	T	.13	.02	T	.
KANKAKEE WTR POLL CTR	3.69	.74					.02		.10	.03	.22										T	.76	.22				1.31	.02	.23	.04		.
MONTICELLO 2	2.65								.15	.30	.14											.22	.19	.05			1.35		.12	.13	T	.
PIPER CITY 3 SE	1.98	.18					T	T	.13	.11	.17	T									.01	.23	.06	.02			1.03	T	.04	T	T	.
PONTIAC	2.68	.14					.05		.08	.02	.05										.07	.88	.10				1.08		.21	T		.
RANTOUL	2.81	.80					.02			.21	.03										T		.13				1.45	.04		.13		.
SIDELL	3.76	.59						.01	.08	T	.32									.01		.15	.10	.65			1.65		.18	.02	T	.
URBANA	2.71					.02		.07	.05	.45	T									T	T	.24	.30	.07		1.31	.06	.10	.03	.01	T	.
WATSEKA 2 NW	3.90	.44					.03		.22	.16	.25									.30	.07	.20	.25	.11			1.66	.02	.19	T	T	.
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	2.17								.07	.38	.02											.58					1.05		.07	T	T	.
BEARDSTOWN	2.24								.18	.18	T											1.44	.10				.34	T		T		.
BLUFFS	2.88								.22	.26	T							T				1.04	.15			.68	.40			T	.13	.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	2.16					T	T		.06	.33	T									.01		.35	.08	T		.35	.93	.05	T	T		
EDWARDSVILLE 1 NE	2.43	.01							.10	45	.03											.59	.05	T			1.12		.08	T	T	
GRAFTON	2.15	T					T		.08	.28	.11									T		.42	.13				1.05		.05	.03		
GREENFIELD	2.13	T		T					.11	.35	.07			T						T		.42	.05				1.01		.12	T		
GREENVILLE 1 E	3.68	.18					.02		.09	.55	.02											.63	.42	.10			1.54		.13			
GRIGGSVILLE	1.88	.16					T		.12	.23	.02											1.07	.01				.20		T	.07		
HILLSBORO	2.58			T					.03	.10	T											.96	.06	T		1.30	.13	T	T	T		
JACKSONVILLE 2 E	2.36	.19		T			T		.08	.18	.19			.01				T			T	.69	.07			T	.85	.01	.08	.01	T	
JERSEYVILLE 2 SW	2.00	.05					T		.07	.37				T								.47	.12				.87		.05	T	T	
KINCAID	2.16	.05					T		.10	.22		T										.42	.15				1.15		.05	.02	T	
MEDORA	2.17						.04		.10	.40										.04		.40				1.10		.08	.01	T		
MORRISONVILLE	2.15	.01							.07	.24	.07	T										.38	.08				1.19		.06	.05	T	
MOUNT OLIVE 1 E	-								.09	.05	.53											-					1.31					
PANA	2.95	.27							.13	.28	.05											.39	.19	.07			1.40		.13	.04	T	
SPRINGFIELD WSO AP R	1.98					T	T	.09	.02	.34	T									T	.16	.29	.01			.76	.18	.09	.02	.02		
VIRDEN 1 N	2.32	.02					T		.08	.25	T	T										.52	.07				1.36	T	.02	T	T	
VIRGINIA	2.71							T	.12	.15	T											1.27	.26				.79	.12	T			
WHITE HALL 1 E	1.99							T	.13	.38		T									.01	.43	.09	T	T	.15	.66	.10		.04		
* * * EAST SOUTHEAST 07																																
CHARLESTON	3.96	.32					.05		.09	.35	.12											.05	.53	*	.70		1.53		.18	.03	.01	
CLAY CITY 6 SSE	5.26	.86					.01			.80	.22											.09	1.18	.61			1.26		.23	T	T	
DIONA 3 SW	0 2.95									.61												.41	.17	42			.75	.56	0 .02	.01		
EFFINGHAM 3 W	3.24	.10			T		.01		.06	.44	.15	T			T							.33	.36	.31			1.28		.17	.02	.01	
FLORA 5 NW	4.19	.06							.06	.87	T											.79	.26	.60		.91		.53	.09	.02		
GREENUP	4.05	.52							.10	.30	.28	T										.08	.58	.55			1.44		.20	T	T	
HUTSONVILLE POWER PL	4.86	1.74							.01	.28	.40									.03			.45	.65	.01		1.10		.17	.02		
LAWRENCEVILLE	6.48	1.74					T	.01	.03	.79	.31	T								.03			1.06	.86	.05		1.28		.30	.01	.01	
MATTOON	2.87						.02	.06	.10	.42											T	.30	.54			1.27	T	.16	T	T		
MOWEAQUA	2.57						T		.09	.34	T			T								.35	T			T	1.54	T	.25			
NEWTON 6 SSE	4.37	.54					.02		.04	.69	.04											.02	.92	.66			1.20		.22	.02		
OLNEY 2 S	6.11	.98					.02		.02	.98												.60	1.18	.65		1.23	.25		.20	T		
PALESTINE	5.24	1.60							.03	.81										.02	T	.55	.22	.71		1.18	.05	.07	T	T		
PARIS WATERWORKS	4.50	1.10		T			.02		.13	.50	T									T	T	.23	.20	.57		1.24	.37	.05	.08	.01		
SAINTE MARIE	4.21	.56					T		.03	.62	.18									.03		.07	.75	.63			1.13		.21	T	T	
SALEM	3.70	.07					.01		.05	.89	.01	T										.62	.22	.27		.53	.77	.05	.18	.03		
TUSCOLA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VANDALIA 3 SW	4.29						T		.07	.63	.75											.52	.39	.52			1.21		.20			
WINDSOR	2.78	.01							.09	.52	T			T		T						.39	.44	.06		49	.66	T	.12	T		
* * * SOUTHWEST 08																																
ANNA 1 E	6.11								.80	1.55												1.30	.25	.63		1.36	.16	.06	T	T		
BELLEVILLE SO ILL UNIV	3.33									.84												*	*	*	*	*	2.49	T	T	T		
CAHOKIA	2.46	T					T	.08		.78	T			T						T		.60	.15	T			.75		.10	T	T	
CAIRO WSO CI R	5.43							.03	.93	.83												1.38	.91	.15		1.06		.14		T		
CARBONDALE SEWAGE PL	6.31	.09					T		.13	2.05	.16											.15	1.26	.52			1.61		.34	T	T	
CARLYLE RESERVOIR	3.51	.28					T		.05	.74		T										.67	.30	.17			1.17		.13	T		
CENTRALIA	3.62	.11						.08		.86	.14											.42	.34	.33			1.15		.19	T	T	
CHESTER	4.30	.05							.11	1.28	.10											.50	.60	.29			1.25		.12	T	T	
DU QUOIN 4 SE	5.20							.05	.60	.71												1.42	.72			1.42	.04	.24	T			
GRAND TOWER 2 N	6.50								.17	2.06	.19											.28	1.89	.36			1.27		.18		.10	
KASKASKIA R NAV LOCK	4.34	.16							.14	1.25	.05											.94	.51	.21			.98		.10			
MARION 4 NNE	6.77	.31							.06	2.01	.15											.05	1.43	.73		.03	1.48		.49	T	.03	
NASHVILLE 4 NE	3.40	.21					T		.05	.80	.05											.48	.32	.15			1.24		.10	T		
PRAIRIE DU ROCHER 1WSW	3.77	.02							.10	.98	.03											.56	.36	.14			1.51		.07			
RED BUD 5 SE	3.61								T	1.04												.61	.33	.18			1.36		.09	T		
SPARTA	4.32								.21	1.05												1.00	.37	.25		.65	.67	.08	.04	T		
WATERLOO	3.89								.12	.90				T								.91	.13	.11			1.59		.09	.04		
* * * SOUTHEAST 09																																
ALBION	5.07	.05							1.00	.56												.72	.56	.73	.01	.95	.11	.38				
BENTON FOREST SERVICE	5.79								.06	1.50	.18												1.96	.55			1.54					
BROOKPORT DAM 52	6.93	.87							.17	1.34	.45									.03			1.06	1.44	.06	T	1.15		.36	T	T	
CARMI 6 NW	6.74	1.02						T	T	1.33	.34									T	T		1.18	.83	.19	1.06			.79		T	
DIXON SPRINGS AGR C	7.77	.87							.32	2.15	T									T		.46	1.33	.97		.94	.26	.02	.45	T		
FAIRFIELD RADIO WFIW	6.83	.85					.02		.02	1.73	T										.01	1.13	.79	.73	.02	.96	.33	.02	.21	.01		
GOLCONDA DAM 51	7.56	1.18	T						.20	1.20	.73												1.23	1.47	.05		1.09		.41	T	T	
HARRISBURG	6.93	.68							.55	1.82												.75	.50	.75	T	1.12	.12	.32	.32	T		
HARRISBURG DISPOSAL PL	6.72	.62							.09	1.93	.23					T							1.05	.97		.30	.83		.69	.01		
MC LEANSBORO 2 ENE	5.96	.54							.03	1.41	.24									.02	.02	.03	1.47	.81		.28	.71		.40	T		
MT CARMEL	6.61	1.06						T	T	.89	.37	T								T			.84	1.26	.07		1.15	T	.95	.02		
MT VERNON 3 NE	5.27								.07	1.10	.10											.36	1.11	.53	.01		1.54	.42	.01	.02		
RENO LAKE DAM	4.03	.04							.03	1.35	.16										.02			.53		.08	1.62		.20	T		
ROSICLARE	7.77	1.01							.32	1.95												.52	1.06	1.20		.98	.03	.59	.11	T		
SHAWNEETOWN NEW TOWN	7.08	1.13					T		.06	1.57	.36												.67	1.53	.21	.04	1.08		40	.03	T	
WAYNE CITY 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	53	50	46	55	59	48	44	42	38	33	41	41	40	47	54	50	67	69	66	54	60	59	40	50	50	43	37	35	27	29		47.6
	MIN	37	26	27	26	36	35	27	31	26	22	19	25	22	23	34	24	37	44	52	30	43	37	32	25	35	35	30	21	19	18		29.9
DIXON 3 W	MAX	69	42	49	43	53	59	40	41	42	41	33	31	40	36	45	52	49	64	69	65				36	53	43	46	35	29	31		45.8
	MIN	42	25	29	27	34	37	29	30	26	25	17	23	28	20	26	25	29	43	46	29	30	46	35	25	29	32	31	26	22	20		29.5
FREEPORT WASTE WTR PLT	MAX	68	42	49	43	53	57	39	40	40	39	32	33	39	35	42	51	49	67	68	63	51	58	50	36	48	43	47	38	29	31		46.0
	MIN	40	30	30	23	35	37	28	28	23	20	15	23	28	20	22	35	34	36	46	31	33	44	34	25	30	32	31	26	21	19		29.3
FULTON DAM 13	MAX	68	45	49	44	54	60	40	42	42	37	32	35	39	35	44	49	47	64	68	62	53	64	48	38	50	43	45	37	29	30		46.4
	MIN	42	30	31	28	29	40	30	30	26	25	19	23	24	25	25	31	32	37	40	35	37	45	35	26	26	34	33	27	24	19		30.3
GALVA	MAX	67	44	47	44	53	59	39	42	40	40	31	36	40	36	47	52	49	66	67	68	56	59	51	37	50	43	45	34	27	27		46.5
	MIN	41	26	28	27	29	38	29	29	29	25	18	24	27	25	28	27	32	38	45	37	39	44	33	27	27	34	33	23	21	17		30.0
GENESEO	MAX	48	48	44	54	59	48	43	40	38	32	33	42	37	48	54	50	67	68	68	52	61	58	39	50	44	44	36	31	28	31		46.5
	MIN	32	27	30	29	39	32	30	28	29	20	19	24	28	25	34	27	39	46	45	33	44	37	29	27	37	32	31	22	21	20		30.5
HENNEPIN POWER PLANT	MAX	72	47	50	47	56	63	42	45	45	45	34	38	42	45	47	53	52	70	70	72	56	61	55	38	53	45	46	37		30		50.2
	MIN	44	21	27	21	32	38	20	22	24	26	11	16	19	14	26	21	31	35	46	30	41	45	34	23	32	31	33	25	22	20		27.7
KEWANEE 1 E	MAX	68	45	48	44	54	60	40	43	41	40	31	37	40	36	48	52	52	68	69	69	59	59	51	37	50	43	44	35	28	27		47.3
	MIN	38	25	30	20	32	37	28	27	24	24	14	20	28	18	30	23	36	35	50	31	38	44	33	25	33	31	31	22	18	18		28.8
MOLINE WSO AP	MAX	46	50	45	55	59	46	41	40	35	31	40	40	38	46	54	50	67	69	67	50	61	52	40	50	43	44	37	30	28	31		46.2
	MIN	29	24	24	24	37	32	29	25	29	14	15	22	23	19	28	21	35	49	41	29	42	37	24	23	36	31	30	22	21	20		27.8
MORRISON	MAX	68	44	50	44	55	60	41	42	42	40	33	36	41	36	47	53	49	69	69	65	54	59	55	37	50	43	46	36	28	30		47.4
	MIN	41	24	28	24	30	36	28	32	22	22	15	19	27	20	27	25	29	31	40	28	31	45	34	24	24	34	31	25	22	18		27.9
MOUNT CARROLL	MAX	67	43	49	44	53	58	39	40	40	38	33	33	39	35	44	52	48	67	69	64	54	58	50	35	49	43	47	37	28	30		46.2
	MIN	40	21	23	20	33	37	28	27	19	20	12	17	24	16	21	28	28	34	44	23	24	44	32	21	26	33	30	25	20	17		26.2
PAW PAW	MAX	69	43	42	45	51	58	39	40	40	42	32	32	39	38	43	49	48	65	67	67	55	57	51	35	47	42	44	35	28	30		45.8
	MIN	42	23	23	23	35	36	20	20	25	25	15	20	22	19	21	21	31	31	43	34	35	47	34	25	25	32	31	20	19	18		27.2
ROCHELLE	MAX	70	42	48	46	51	52	42	40	40	42	32	32	40	37	43	49	49	67	68	67	55	56	51	36	48	42	45	34	29	30		46.1
	MIN	40	22	22	24	31	32	25	26	25	20	11	20	22	17	18	23			46	17	29	43	32	24	21	28	28	23	18	16		25.1
ROCKFORD WSO AP	MAX	49	48	43	50	57	46	39	37	41	30	31	38	34	40	48	47	67	68	65	53	58	58	36	48	43	45	36	29	30	28		44.7
	MIN	30	27	23	24	35	31	29	23	23	16	12	20	17	17	35	27	34	37	41	30	42	35	27	24	33	31	29	21	19	19		27.0
STOCKTON 1 N	MAX	65	41	49	42	51	58	38	38	38	35	30	32	38	33	45	50	46	64	65	63	50	52	47	35	48	42	45	37	28	29		44.5
	MIN	39	24	27	21	37	35	26	25	19	17	12	24	24	16	25	24	34	37	48	32	39	42	33	23	27	30	28	23	16	11		27.3
TISKILWA 2 SE	MAX	63	50	46	55	62	50	50	43	43	35	38	40	38	47	53	51	69	74		57	59	59	42	51	45	46	41	35	29	39		48.6
	MIN	42	27	27	22	36	35	24	25	26	26	19	21	29	18	32	26	39	43		36	43	41	33	28	35	32	32	22	21	20		29.7
WALNUT	MAX	57	58	59	54	60	52	47	41	41	32	34	41	38	46	53	49	69	69	68	57	58	59	42	50	50	45	39	33	27	30		48.6
	MIN	40	25	29	27	38	35	24	32	24	24	17	24	26	20	34	25	38	43	54	33	43	41	33	25	35	32	31	22	21	19		30.5
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	68	45	50	43	49	58	45	40	40	42	31	34	39	36	39	45	49	66	67	63	53	56	54	37	40	44	44	35	30	32		45.8
	MIN	38	27	27	25	26	40	29	28	20	22	12	17	29	18	20	31	28	39	42	35	33	43	35	29	30	32	31	27	20	20		28.4
AURORA	MAX																																
	MIN	38	28	26	24	38	32	27	26	26	24	15	24	22	19	36	28	36	36	46	32	45	38	30	27	33	30	30	21	20	19		29.2
BARRINGTON	MAX	69	47	48	44	49	58	42	40	40	43	31	35	40	37	41	45	48	66	68	63	58	57	53	37	49	45	45	35	31	32		46.5
	MIN	33	28	31	25	32	41	29	28	23	24	15	21	29	19	21	31	31	39	43	34	36	45	34	27	28	33	32	25	21	20		29.3
CHICAGO O'HARE WSO AP	MAX	53	49	47	53	60	53	43	43	46	34	40	44	42	43	47	50	69	71	65	60	60	59	41	53	48	47	38	36	33	29		48.5
	MIN	38	33	28	28	41	36	30	28	27	22	18	29	26	23	40	33	41	44	47	37	47	40	32	28	38	36	35	26	25	24		32.7
CHICAGO UNIVERSITY	MAX	72	47	48	47	58	58	41	44	45	44	37	42	43	41	47	47	65	67	68	64	57	57	54	49	50	45	45	37	31	33		49.4
	MIN	44	32	35	32	42	40	30	36	32	27	23	31	37	27	38	38	40	41	55	42	44	53	37	32	38	35	36	27	23	22		35.6
CHGO MIDWAY WSCMO AP	MAX	53	48	45	50	59	53	42	44	45	34	38	43	42	42	48	49	68	70	64	57	59	58	40	52	48	46	40	36	33	29		47.8
	MIN	38	31	30	29	42	35	29	33	32	26	21	30	28	25	39	35	39	42	48	38	46	40	32	30	37	36	34	25	23	22		33.2
DE KALB	MAX	69	48	45	50	58	58	38	40	44	36	32	39	38	40	49	49	67	68	67	61	58	58	50	49	47	45	40	34	31	27		47.8
	MIN	40	26	32	23	39	38	29	34	23	23	14	23	32	19	34	27	36	40	51	38	42	38	34	27	35	33	32	24	20	19		30.8
ELGIN	MAX	69	44	46	43	50	58	41	39	40	43	32	33	38	36	40	45	48	66	68	65	58	57	51	36	49	44	45	34	28	31		45.9
	MIN	43	17	27	25	24	39	27		26	22	16	16	25	21	21	30				38	36	49	33	25	25	31	31	22	20	19		27.2
GEBHARD WOODS ST PARK	MAX	71	51	47	46	53	60	40	43	44	47	32		42	43	44	49	50	66	69	69	59	53			51	46	47	37	32	32		49.0
	MIN	40	26	31	23	30	37	24	27	23	26	16	21		19	23	26	27	36	38	32	39			29	31	30	33	26	21	21		28.0
JOLIET BRANDON RD DAM	MAX	72	48	49	46	53	60	46	44	44	46	33	37	42	41	44	49	50	68	69	68	60	58	56	40	51	46	47	39	39	32		49.2
	MIN	45	22	29	26	28	40	25	25	31	25	18	20	25	18	20	28	31	41	43	35	35	50	35	29	30	32	34	24	18	19		29.4
MARENGO	MAX	65	49	44	50	58	53	50	42	40	32	46	38	38	39	45	49	66	70	65	60	57	57	45	48	45	45	41	33	30	28		47.6
	MIN	38	25	28	21	37	35	35	32	20	20	12	14	30	19	33	34	36	39	50	32	40	45	33	26	33	30	30	23	19	19		29.6
OTTAWA	MAX	70	52	49	58	63	57	46	47	46	43	36	43	44	48	53	53	70	72	73	65	61	59	40	53	48	48	42	33	32	32		51.2
	MIN	45	28	33	27	41	39	25	37	26	22	17	22	33	17	37	28	36	40	53	35	44	40	37	30	37	33	33		23	22		32.4
PARK FOREST	MAX	72	47	46	45	51	48	46	41	45	35	32	39	39	39	41	47	47	67	69	67	66	56	53	38	49	46	46	35	31	31		47.1
	MIN	41	24	30	28	34	31	27	25	28	26	16	24	29	20	24	26	32	41	44	42	34	51	35	29	26	32	34	25	20	19		29.9
PERU 2 W	MAX	68	52	47	56	61	59	44	42	45	39	43	42	41	46	50	45	69	70	69	65	61	60	58	53	48	46	46	34	32	31		50.7
	MIN	44	25	34	27	40	40	28	21	27	25	24	24	34	22	42	28	38	44	43	35	53	49	36	31	35	33	28	32	25	22		33.0
WAUKEGAN	MAX	68	46	47	45	49	56	46	40	49	43	39	43	40	37	41	45	48	66	68	62	53	57	54	37	50	44	45	35	29	32		47.1
	MIN	43	27	25	25	25	39	28	28	23	24	16	16	25	21	21	33	25	40	42	38	36	44	34	27	22	35	32	26	20	20		28.7
WHEATON 3 SE	MAX	66	48	46	52	58	55	41	42	45	41	37	41	41	40	48	50	68	69	65	62	58	58	50	51	50	46	42	33	32	29		48.8
	MIN	42	27	29	22	40	38	28	34	32	25	14	23	22	17	32	30	35	35	53	30	43	50	35	28	34	33	33	25	20	20		31.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	47	49	44	55	60	47	43	44	40	32	38	42	39	49	54	52	68	69	70	55	60	52	38	52	42	42	36	30	27	30		46.9
	MIN	32	25	27	27	39	31	29	33	31	19	17	24	25	25	32	24	37	44	42	30	47	37	30	28	36	34	29	21	19	21		29.8
GOLDEN 1 NW	MAX	61	52	49	60	61	53	46	46	43	39	40	45	43	54	62	56	71	71	74	64	62	62	44	55	50	44	42	35	35	32		51.7
	MIN	41	26	30	30	40	37	23	37	33	26	20	26	28	25	34	26	46	45	46	35	47	39	34	30	37	35	33	21	18	21		32.3
LA HARPE	MAX	58	51	49	59	58	51	45	46	39	35	42	43	42	51	59	55	69	70	71	59	61	60	42	53	44	42	37	35	29	30		49.5
	MIN	40	24	29	25	38	37	20	35	32	25	17	22	23	22	33	25	33	44	54	35	40	36	29	25	35	35	32	23	19	18		30.2
MONMOUTH	MAX	55	50	46	55	60	48	43	45	38	37	39	42	40	50	53	51	68	70	71	57	61	58	40	50	45	42	39	34	28	30		48.2
	MIN	40	26	29	27	37	37	27	35	30	25	17	26	26	24	34	24	36	42	55	35	46	38	34	27	35	36	32	23	21	19		31.4
QUINCY FAA AP	MAX	52	51	49	59	61	50	46	47	45	34	42	45	42	54	62	55	69	71	72	60	62	52	44	54	45	44	39	34	28	34		50.1
	MIN	36	31	33	30	40	30	26	37	32	25	21	25	30	28	37	29	40	48	48	39	52	39	32	32	36	35	34	25	22	20		33.1
QUINCY DAM 21	MAX	68	51	62	49	59	59	41	46	48	44	34	42	45	43	54	62	58	70	71	70	60	62	46	44	56	47	45	41	29	27		51.1
	MIN	41	27	27	28	29	38	21	21	36	26	20	20	26	24	24	28	28	37	46	35	35	44	33	28	28	31	31	26	21	19		29.3
RUSHVILLE	MAX	64	50	48	59	61	55	45	46	45	38	40	44	41	52	60	56	70	71	74	61	60	59	41	49	49	41	41	34	27	32		50.4
	MIN	42	26	32	29	40	37	21	35	35	26	19	24	29	24	32	25	37	44	50	34	44	38	34	29	37	34	34	24	21	17		31.8
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	69	47	46	55	63	55	44	44	44	43	38	43	42	45	51	50	68	69	72	62	58	58	38	50	44	44	42	34	30	29		49.2
	MIN	42	26	38	21	38	38	25	31	30	27	13	20	23	17	33	28	29	43	49	32	45	35	33	28	35	32	32	23	21	20		30.2
DECATUR	MAX	62	52	52	61	66	56	49	44	47	44	42	50	44	50	56	54	70	72	74	68	60	60	43	54	46	43	45	35	28	32		52.0
	MIN	40	24	26	21	39	40	22	38	42	30	14	19	26	18	32	23	37	41	51	32	56	43	30	26	34	36	31	24	20	20		31.2
FARMER CITY	MAX	69	53	52	55	62	57	49	45	44	45	38	44	42	46	52	53	70	71	74	63	60	59	41	50	42	42	40	32	28	31		50.3
	MIN	41	26	30	28	37	36	24	34	37	27	18	25	26	20	32	27	33	38	51	35	55	39	34	28	33	33	32	23	20	20		31.4
HAVANA 4 NNE	MAX	70	50	51	50	59	64	42	47	47	47	32	42	43	43	51	59	52	69	71	74	59	60	52	42	55	45	42	39	28	29		50.5
	MIN	44	24	25	21	35	38	22	25	34	29	16	21	26	20	26	24	26	34	48	32	36	47	36	27	31	36	36	28	22	21		29.7
LACON 2 E	MAX	67	50	46	56	64	57	46	45	44	41	39	43	42	48	51	52	68	71	74	61	60	59	43	53	49	47	43	35	29	31		50.5
	MIN	43	25	29	23	39	37	28	35	28	24	15	19	22	18	38	24	39	42	50	33	42	43	33	29	36	37	31	22	22	20		30.9
LINCOLN	MAX	64	50	50	58	64	56	47	46	48	38	39	44	42	48	56	52	70	70	74	65	60	59	42	52	45	42	42	35	29	34		50.7
	MIN	45	25	30	24	38	40	26	35	35	29	18	24	31	21	34	26	34	40	54	34	52	40	35	28	36	35	34	24	20	21		32.3
MASON CITY 1 NW	MAX	63	49	48	58	63	55	46	46	47	41	39	42	41	50	56	51	68	70	74	62	60	60	41	53	45	42	42	36	29	33		50.3
	MIN	33	27	29	21	38	39	24	35	35	28	17	24	28	21	28	25	33	40	51	33	49	41	35	28	35	37	33	24	21	21		31.1
MINONK	MAX	71	58	50	43	61	52	43	45	43	43	31	35	38	41	46	49	51	66	70	69	58	62	56	55	48	44	43	38	33	28		49.0
	MIN	43	26	26	24	30	37	23	26	33	21	18	20	22	19	23	28	29	31	36	36	42	54	34	35	33	28	25	22	20	19		28.8
NORMAL	MAX	70	48	47	56	62	61	46	45	46	44	38	42	41	46	52	52	68	70	73	72	60	58	52	51	50	41	40	33	28	31		50.8
	MIN	44	23	31	22	42	38	22	35	33	27	16	29	24	19	35	24	36	44	55	33	47	49	35	31	36	32	33	23	21	20		32.0
PEORIA WSO AP	MAX	49	47	46	55	61	50	43	43	43	31	36	39	40	48	53	49	66	69	71	59	58	57	38	51	44	41	38	31	27	32		47.2
	MIN	31	24	26	23	40	29	25	33	31	18	15	24	27	19	30	24	32	40	40	33	46	35	28	27	35	35	31	21	19	21		28.7
PRINCEVILLE	MAX	61	52	48	57	63	49	46	46	42	37	40	42	41	49	53	52	70	70	73	60	60	59	40	53	46	45	40	35	30	31		49.7
	MIN	42	26	27	24	38	37	24	32	30	24	15	20	28	20	35	22	35	43	54	31	45	39	32	28	36	35	32	21	21	18		30.5
* * *																																	
EAST 05																																	
DANVILLE	MAX	73	51	51	54	61	57	45	44	45	45	41	46	41	43	52	51	68	70	70	66	62	59	53	48	43	51	44	40	30	30		51.1
	MIN	46	27	26	22	34	39	26	38	41	31	20	20	26	18	35	29	33	34	52	32	56	50	37	28	34	35	34	26	22	23		32.5
HOOPESTON 1 NE	MAX	67	48	49	52	60	53	44	43	43	43	38	43	40	42	49	48	67	68	68	62	59	57	50	47	41	48	41	34	28	27		48.6
	MIN	44	28	32	25	37	38	25	33	37	28	18	23	27	20	34	30	36	42	50	35	54	48	37	29	33	35	33	24	21	21		32.6
KANKAKEE WTR POLL CTR	MAX	74	47	48	50	52	60	47	45	47	39	38	41	43	42	43	49	58	69	70	71	63	58	44	46	42	41	45	40	31	31		49.1
	MIN	43	26	26	28	34	40	26	26	31	26	24	26	23	21	26	29	31	36	46	33	36		29	31	27	28	33	27	21	20		29.4
PIPER CITY 3 SE	MAX	65	50	50	53	62	50	45	45	44	43	37	43	42	44	51	50	68	70	71	61	58	58	50	50	41	46	41	34	29	26		49.2
	MIN	42	25	29	22	35	38	21	37	33	28	16	21	27	19	33	27	35	40	49	35	46	48	35	28	33	35	32	24	21	20		31.1
PONTIAC	MAX	68	50	48	55	61	57	44	45	44	43	36	41	41	45	51	51	68	68	71	63	58	57	47	52	42	43	41	32	30			50.1
	MIN	44	26	29	23	38	38	27	34	31	28	16	21	25	18	34	25	34	40	50	33	44	47	35	28	36	33	32	24	21			31.5
RANTOUL	MAX	72	52	49	41	43	60	45	45	44	43	44	34	44	40	44	52	49	65	73	71	62	57	53	47	53	49	41	35	40	29		49.2
	MIN	43	27	34	29	26	32	25	28	37	22	18	20	28	26	23	27	28	38	42	36	37	47	35	30	32	36	34	25	19	20		30.1
URBANA	MAX	50	49	50	55	62	52	46	43	45	45	39	46	39	45	52	50	67	69	71	64	58	56	39	49	41	44	43	35	28	30		48.7
	MIN	36	29	33	31	40	37	30	38	35	27	22	27	28	23	36	30	37	39	51	37	55	37	33	30	34	35	34	22	20	20		32.9
WATSEKA 2 NW	MAX	75	47	48	48	51	65	48	44	44	44	32	38	44	40	41	49	50	68	68	69	62	57	52	41	49	46	44	40	30	28		48.7
	MIN	45	26	25	22	24	41	24	25	33	28	17	18	26	20	20	29	29	35	38	31	31	50	37	26	30	35	35	28	21	21		29.0
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	70	64	51	53	60	64	44	48	47	49	34	43	46	45	53	63	57	68	70	69	66	62	52	43	53	45	49	48	33	30		52.6
	MIN	47	34	35	31	36	41	29	31	43	30	21	26	29	25	30	32	34	39	44	44	46	47	37	31	33	38	35	29	22	20		34.0
CARLINVILLE	MAX	63	53	53	60	64	60	48	45	49	41	42	47	46	51	65	55	71	71	73	65	65	61	43	53	45	45	45	36	29	34		52.6
	MIN	45	26	29	23	37	38	22	38	40	27	15	19	34	19	34	25	38	43	53	36	56	41	36	28	37	34	28	24	21	18		32.1
GRIGGSVILLE	MAX	55	50	49	60	61	57	47	44	46	35	41	45	42	54	63	55	69	72	73	59	62	61	41	57	44	42	40	35	27	33		50.6
	MIN	44	42	35	28	40	36	24	37	35	25	18	25	31	27	38	29	42	44	54	40	49	38	33	30	35	35	33	24	21	18		33.7
HILLSBORO	MAX	57	55	54	60	64	51	50	48	44	43	42	51	42	50	64	61	72	68	74	72	61	60	47	57	42	45	50	39	29	34		52.9
	MIN	43	28	26	26	35	39	23	35	40	24	20	21	27	13	22	22	24	40	55	44	46	40	38	30	32	39	32	29	22	20		31.2
JACKSONVILLE 2 E	MAX	69	52	50	50	58	62	41	47	44	50	32	40	45	43	53	62	54	69	70	73	62	62	51	41	55	44	44	41	29	27		50.7
	MIN	45	23	24	24	26	38	21	21	40	30	18	18	23	21	24	24	25	34	44	34	33	48	36	29	30	35	31	28	21	18		28.9

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	69	56	51	52	59	64	41	47	47	50	31	42	45	45	54	65	56	70	71	73	64	63	50	42	54	45	46	44	31	28		51.8
	MIN	45	24	26	21	33	39	19	33	41	28	16	20	19	19	26	24	33	35	50	36	42	47	34	25	35	36	29	27	20	17		30.0
MORRISONVILLE	MAX	70	55	52	54	59	64	42	49	45	47	31			45	51	60	64	70	70	73	66	60	52	41	51	45	44	46	31	28		52.3
	MIN	45	25	26	22	30	42	19	21	41	29	19			25	23	25	35	36	44	35	35	48	36	28	30	36	32	28	20	18		30.5
PANA	MAX	62	52	52	57	62	59	47	44	46	43	38	44	42	47	59	52	69	69	72	66	61	59	43	50	42	43	49	33	29	33		50.8
	MIN	44	31	31	29	37	40	28	38	42	29	22	24	32	23	34	29	38	41	53	41	56	42	34	30	35	37	32	24	21	19		33.9
SPRINGFIELD WSO AP	MAX	54	52	52	60	65	57	48	45	48	34	40	46	45	51	60	54	70	72	75	65	62	60	41	55	45	44	43	35	30	33		51.4
	MIN	35	27	29	26	45	38	26	39	32	24	20	25	27	23	34	27	39	47	45	37	58	38	32	32	38	37	34	23	21	19		32.6
VIRDEN 1 N	MAX	66	51	52	60	69	63	48	45	48	43	41	46	45	50	63	56	69	71	73	66	63	61	41	53	43	43	41	35	28	33		52.2
	MIN	44	36	33	25	35	48	20	32	42	25	16	22	33	20	36	23	42	42	54	35	59	35	32	29	36	37	32	24	21	18		32.9
WHITE HALL 1 E	MAX	63	50	52	59	62	61	47	45	48	42	40	46	46	47	64	59	71	71	75	71	63	62	42	56	48	47	46	36	28	35		52.7
	MIN	43	27	32	26	39	39	22	38	40	28	18	25	33	21	31	28	35	39	50	36	52	41	35	27	36	35	32	25	21	23		32.6
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	67	53	54	57	62	57	47	44	45	44	40	47	41	46	56	52	62	68	71	65	59	58	51	48	44	45	47	40	28	33		51.0
	MIN	46	28	28	25	40	40	33	38	41	30	20	23	27	20	35	25	38	42	50	37	55	50	36	30	35	38	33	25	21	20		33.6
EFFINGHAM 3 W	MAX	72	53	53	54	57	63	45	47	45	45	33	39	45	41	45	59	51	67	68	70	67	60	54	41	50	42	43	48	34	28		50.6
	MIN	47	28	27	22	24	39	33	32	41	29	19	19	24	18	20	27	27	35	38	38	39	51	38	27	29	35	31	28	21	20		30.2
FLORA 5 NW	MAX	67	58	60	60	65	59	50	48	48	47	41	46	43	49	61	58	73	69	73	68	63	60	50	50	43	44	58	39	30	36		53.9
	MIN	43	25	24	20	33	40	33	38	42	25	16	20	29	17	34	24	34	42	50	40	55	49	35	28	31	39	32	26	22	20		32.2
MATTOON	MAX	51	52	52	54	61	54	46	43	45	35	39	48	40	45	56	51	67	68	70	66	60	58	41	48	45	44	48	36	28	32		49.4
	MIN	34	30	31	28	38	37	38	38	33	26	22	25	29	24	35	28	38	42	50	39	55	37	32	31	34	34	32		22	20		33.2
MOWEAQUA	MAX	70	53	59	57	61	51	47	45	47	47	38	45	45	47	49	58	70	70	73	75	64	59	60	52	50	43	46	36	28	32		52.6
	MIN		25	29	29	40	38	30	39	42	29	15	23	25	20	25	34	32	35	47	34			37	30	35	38	33	26	22	20		30.8
NEWTON 6 SSE	MAX	74	56	55	57	57	64	46	47	46	46	35	40	47	44	46	58	53	68	67	70	64	59	55	42	48	47	43	54	37	28		51.8
	MIN	46	31	27	24	29	40	37	37	41	29	22	23	26	21	21	24	28	37	46	40	43	54	37	29	29	34	33	29	22	21		32.0
OLNEY 2 S	MAX	68	58	57	61	66	53	49	48	49	44	42	48	48	48	58	55	70	70	72	68	59	61	51	47	44	44	62	38	30	34		53.4
	MIN	42	30	26	26	37	42	38	40	43	28	24	25	28	19	33	27	33	41	51	42	56	51	38	27	29	39	31	30	23	22		34.0
PALESTINE	MAX	68	55	56	58	65	55	48	46	48	43	41	46	47	45	56	50	69	68	70	62	59	59	52	47	52	52	60	38	30	33		52.6
	MIN	42	32	30	26	34	42	37	40	43	31	24	25	27	22	34	28	32	37	51	40	56	52	37	30	31	38	34	27	23	23		34.3
PARIS WATERWORKS	MAX	64	52	53	55	62	56	46	44	45	42	41	46	42	45	53	51	67	68	69	68	62	58	50	46	46	54	48	34	29	31		50.9
	MIN	42	30	29	25	36	38	32	36	39	29	21	23	27	19	33	25	37	42	50	38	55	49	34	29	31	36	30	23	19	19		32.5
SALEM	MAX	67	56	56	62	66	59	50	48	47	47	42	47	41	49	63	57	71	70	71	70	63	60	48	52	43	46	57	37	28	34		53.6
	MIN	48	32	30	27	37	41	33	40	44	30	22	26	32	22	34	29	34	39	39	46	56	48	37	28	34	37	31	28	22	21		34.2
TUSCOLA	MAX																																
	MIN																																
VANDALIA 3 SW	MAX	72	56	64	60	61	51	57	49	46	47	34	42	47	43	50	62	65	71	71	72	71	61	60	44	52	48	45	50	36	30		53.9
	MIN	30	32		24		39	30		43	32	21			22		30				47		48	39	30		37	37	29	28	19		
WINDSOR	MAX	70	54	54	59	64	58	48	44	45	45	40	47	41	46	57	53	69	70	72	67	60	59	45	50	43	42	49	38	28	33		51.7
	MIN	45	30	32	28	37	40	29	38	41	28	19	22	27	21	33	21	35	45	49	39	56	38	37	30	33	37	33	24	21	19		32.9
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	68	60	60	63	66	60	51	45	57	47	45	46	46	52	61	60	64	68	70	73	65	61	51	56	46	50	58	45	36	37		55.6
	MIN	42	46	32	32	36	42	31	39	44	29	22	25	34	26	31	35	35	38	50	50	57	47	37	26	31	37	36	30	24	21		35.5
BELLEVILLE SO ILL UNIV	MAX	65	56	56	62	66	62	49	47	49	48	44	47	44	51	66	64	72	71	73	68	67	60	47	52	46	50	54	43	31	36		54.9
	MIN	47	26	25	20	45	40	21	40	44	30	19	22	30	19	31	27	31	41	54	44	56	47	37	27	36	40	29	30	23	18		33.3
CAHOKIA	MAX	71	58	55	55	63	67	50	51	51	49	41	40	49	50	54	66	59	73	73	78	70	69	52	[illegible]	54	45	52	52	39	39		55.6
	MIN	47	29	30	28	37	42	22	22		33	32	26	19	19	30	30	33	37	44	41	50	46	38	24	37	37	31	30	23	20		32.3
CAIRO WSO CI	MAX	60	62	62	64	66	57	53	48	56	46	46	49	47	52	60	62	70	69	73	74	67	63	48	50	51	52	64	44	31	39		56.2
	MIN	46	45	37	40	46	43	37	45	46	34	31	33	33	30	38	42	42	46	56	60	58	48	38	35	41	42	40	31	28	26		40.6
CARBONDALE SEWAGE PL	MAX	71	58	58	59	63	65	48	51	47	48	38	43	49	43	52	60	59	70	68	70	73	62	58	42	51	47	50	59	39	28		54.3
	MIN	44	28	23	23	23	40	23	27	40	28	20	19	22	18	21	26	26	40	44	48	50	50	38	26	30	36	36	30	21	20		30.7
CARLYLE RESERVOIR	MAX	71	58	57	57	61	65	45	49	47	48	34	40	45	43	50	66	56	72	71	73	71	62	55	42	53	43	49	55	35	30		53.4
	MIN	46	34	31	33	36	43	29	32	41	28	21	28	32	24	25	32	31	44	46	47	48	51	37	30	32	38	36	28	22	19		34.1
DU QUOIN 4 SE	MAX	59	58	55	62	65	56	50	49	48	38	42	47	44	50	63	55	71	69	70	72	63	63	43	52	45	51	62	41	36	36		53.8
	MIN	30	24	26	22	39	34	26	40	32	26	20	23	22	20	33	30	35	42	47	48	55	39	30	30	34	35	33	26	23	21		31.5
KASKASKIA R NAV LOCK	MAX	70	60	59	59	62	67	46	52	50	49	37	43	46	44	55	68	60	74	73	74	71	61	57	42	54	44	52	61	39	31		55.3
	MIN	43	32	28	25	25	41	27	28	42	27	23	24	27	24	24	32	34	45	46	42	49	52	37	33	33	39	38	25	20	21		32.9
MARION 4 NNE	MAX	72	58	56	59	63	65	49	52	48	50	39	43	48	45	51	62	58	72	69	71	72	63	54	47	50	48	50	60	40	29		54.8
	MIN	44	39	26	26	26	35	28	35	41	26	23	22	23	20	20	31	31	40	42	50	51	53	38	27	28	38	35	32	23	20		32.4
NASHVILLE 4 NE	MAX	65	54	56	60	64	59	48	47	46	46	39	45	41	48	63	61	70	69	69	69	65	59	46	61	57	47	59	39	29	34		53.8
	MIN	42	35	31	32	42	40	29	40	43	29	22	25	36	25	34	32	38	41	54	47	56	45	36	36	31	39	36	29	22	20		35.6
SPARTA	MAX	65	58	58	63	65	60	50	48	48	48	42	46	42	52	67	58	73	70	73	71	67	61	48	52	46	50	67	37	28	38		55.0
	MIN	42	32	32	29	39	40	26	40	43	28	20	22	35	23	35	30	40	45	53	47	55	48	37	32	37	38	37	27	22	20		35.1
WATERLOO	MAX	70	58	56	57	62	66	43	47	47	47	37	41	47	45	55	65	59	73	73	75	70	62	51	42	53	43	50	57	34	27		53.7
	MIN	45	33	34	31	38	42	26	35	43	22	20	25	32	25	30	31	38	46	55	50	55	50	36	30	36	37	36	28	22	19		35.0
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	68	57	61	59	62	61	50	48	50	46	42	47	48	48	59	58	69	65	72	70	68	59	55	42	47	52	63	57	32	35		55.0
	MIN	45	39	36	33	37	43	37	40	43	29	29	25	32	25	35	33	33	35	40	48	55	46	38	29	34	40	35	30	21	21		35.5
BROOKPORT DAM 52	MAX	70	69	60	64	65	59	51	47	57	47	44	51	49	51	59	60	68	66	72	72	66	62	53	49	49	54	64	60	37	38		57.1
	MIN	46	34	28	27	34	44	32	42	43	30	26	25	28	24	37	31	31	33	50	50	55	51	39	28	32	39	38	35	23	24		35.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
DIXON SPRINGS AGR C	MAX	72	59	59	62	64	63	52	49	55	48	44	49	47	51	59	60	68	68	71	72	70	62	53	48	46	51	62	62	38	38		56.7
	MIN	43	33	25	30	43	43	31	40	44	28	25	25	32	21	36	34	35	40	54	52	56	52	39	27	34	40	39	33	23	20		35.9
FAIRFIELD RADIO WFIW	MAX	70	57	58	62	64	57	48	47	49	46	42	47	47	47	59	58	69	68	71	70	64	60	54	45	45	45	62	47	30	34		54.1
	MIN	47	31	26	26	37	42	35	39	42	29	21	24	29	21	34	28	35	41	50	46	54	54	38	38	29	42	33	30	21	23		34.8
HARRISBURG	MAX	69	60	60	65	67	60	51	48	54	48	43	48	46	52	62	56	71	70	72	74	65	62	53	48	47	51	63	47	32	38		56.1
	MIN	44	33	28	27	33	42	32	42	44	30	27	26	33	22	37	31	32	45	51	53	57	53	39	28	33	40	34	31	23	22		35.7
MC LEANSBORO 2 ENE	MAX	75	54	59	59	63	66	50	50	49	50	39	41	47	45	50	62	56	72	69	72	73	61	55	42	46	47	46	61	40	30		54.3
	MIN	45	34	27	30	34	43	33	32	40	29	25	25	26	22	25	32	34	39	53	51	51	52	38	29	32	39	34	30	24	23		34.4
MT CARMEL	MAX	76	58	58	57	59	63	53	48	48	52	40	42	46	50	46	52	52	69	67	70	70	60	59	43	42	55	45	62	41	31		53.8
	MIN	47	35	31	31	31	40	37	38	41	30	26	27	27	25	26	32	31	39	41	48	48	55	40	31	30	32	37	32	23	23		34.5
MT VERNON 3 NE	MAX	72	58	58	62	65	46	50	46	48	45	47	48	44	48	60	65	66	72	71	70	69	62	47	51	51	50	61	38	33	33		54.5
	MIN	45	28	25	23	34	35	35	35	40	28	20	30	34	18	33	22	37	41	50	51	52	42	37	26	31	39	30	30	22	21		33.1
RENO LAKE DAM	MAX	72	59	58	59	64	66	48	51	48	48	37	42	42	45	50	63	54	72	70	71	73	65	58	43	52	46	49	63	63	32		55.4
	MIN	45	36	31	34	41	44	29	34	41	28	26	26	31	24	27	37	39	44	50	49	52	53	39	30	32	38	37	30	22	22		35.7
ROSICLARE	MAX	70	59	59	62	64	57	50	48	56	48	44	48	48	50	61	58	69	67	72	73	65	62	52	46	50	53	64	53	34	37		56.0
	MIN	45	33	28	29	34	38	35	38	44	31	27	26	29	23	31	33	31	35	48	50	57	50	37	29	31	39	33	32	23	23		34.7

DAILY SOIL TEMPERATURES

ILLINOIS
NOVEMBER 1979

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	56	55	49	48	48	50	50	50	46	44	47	45	42	41	40	42	42	45	48	50	51	51	52	50	45	45	44	44	42	39		46.7
		MIN	54	46	44	44	45	45	45	45	45	44	42	39	37	39	37	38	37	40	44	47	47	49	50	45	42	44	43	40	36	38		43.0
	8	MAX	57	58	54	52	51	50	50	50	49	49	49	50	45	44	44	44	44	46	48	50	51	52	54	53	49	48	47	46	46	44		49.1
		MIN	55	54	51	51	50	50	50	49	49	49	47	45	43	44	43	43	43	44	46	49	50	51	52	49	47	47	47	46	44	42		47.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
DIXON 3 W	SNOWFALL										T			T													.5			T		
	SN ON GND										T			T													T			T	T	
FREEPORT WASTE WTR PLT	SNOWFALL						T				T			T													1.0			T		
	SN ON GND																										1					
GALENA 1 N	SNOWFALL										T			1.0															T	T		
	SN ON GND										T			1																		
GALVA	SNOWFALL										T			T															2.0	.5	T	
	SN ON GND																												1	2	1	
MOLINE WSO AP	SNOWFALL									T	T													T				1.3	.4	.2	T	
	SN ON GND										T																			T	T	
	WTR EQUIV																															
MORRISON	SNOWFALL										-																	-	-	-		
	SN ON GND																												2	T		
PAW PAW	SNOWFALL								T																		T		3.0	T	T	
	SN ON GND								T																				2	3	2	
ROCKFORD WSO AP	SNOWFALL			T				T	T	.5	T		.2	T										T			2.5	.7	.3	T	.7	
	SN ON GND										T	T		T													1		T	T	T	
	WTR EQUIV																															
WALNUT	SNOWFALL																										.1	.1	T			
	SN ON GND																															
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL										1.0	T		1.0													.5	.3	.5	.1		
	SN ON GND										1	T	T	1	T												1			T		
AURORA	SNOWFALL																												-	-	-	
	SN ON GND																												T	T	T	
CHICAGO O'HARE WSO AP	SNOWFALL			T						T	.2		T	T													T	2.4	.2	T	1.2	
	SN ON GND			T							T																		T	T	T	
	WTR EQUIV																															
CHGO MIDWAY WSCMO AP	SNOWFALL			T				T		T	T		T	T													T	1.6	T	.1	.4	
	SN ON GND			T							T																			T	T	
	WTR EQUIV																															
DE KALB	SNOWFALL	T							T		.4	T		T										T			1.0	2.0	T	T	T	
	SN ON GND										T																	1	1	1	T	
MORRIS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTTAWA	SNOWFALL																											T	T			
	SN ON GND																											T	T	T		
PARK FOREST	SNOWFALL										T																			.5	T	
	SN ON GND										T																			1	2	
WEST 03																																
CANTON 1 ESE	SNOWFALL										T																	T	T			
	SN ON GND																															
LA HARPE	SNOWFALL																												1.0	1.5		
	SN ON GND																												T	T		
MONMOUTH	SNOWFALL																											3.0				
	SN ON GND																											1	1	1		
QUINCY FAA AP	SNOWFALL										T																	T	.1	T		
	SN ON GND																													T	T	
CENTRAL 04																																
DECATUR	SNOWFALL																												T	T		
	SN ON GND																															
FARMER CITY	SNOWFALL																												T	T	T	
	SN ON GND																															
LACON 2 E	SNOWFALL																												T	.5	T	
	SN ON GND																													1		
LINCOLN	SNOWFALL																												T	T		
	SN ON GND																													T		
NORMAL	SNOWFALL										T																.3	T	.7	.6		
	SN ON GND										T																	T	T	1	T	
PEORIA WSO AP	SNOWFALL							T			T																	.3	.3	.2		
	SN ON GND																													T	T	
	WTR EQUIV																															
EAST 05																																
DANVILLE	SNOWFALL																												1.0	.3		
	SN ON GND																												T	T		
HOOPESTON 1 NE	SNOWFALL								T			T																	.6	.3	T	
	SN ON GND																												T	T	T	
KANKAKEE WTR POLL CTR	SNOWFALL										T																			1.0		
	SN ON GND																													1		
PIPER CITY 3 SE	SNOWFALL							T			T	T																	.2	T	T	
	SN ON GND																												T	T	T	
PONTIAC	SNOWFALL										T																T		.5	.5		
	SN ON GND																												T	T	T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
URBANA	SNOWFALL							T			T																		.7	1.5		
	SN ON GND																													1	T	
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL										T																	T	T	T		
	SN ON GND																															
EDWARDSVILLE 1 NE	SNOWFALL																												T	T	T	
	SN ON GND																													T		
GRIGGSVILLE	SNOWFALL																													-		
	SN ON GND																													T		
JACKSONVILLE 2 E	SNOWFALL																												.3	.5	T	
	SN ON GND																													T		
PANA	SNOWFALL										T																		T	.4	T	
	SN ON GND																													T	T	
SPRINGFIELD WSO AP	SNOWFALL										T																	.4	.2	.2		
	SN ON GND																													T	T	
	WTR EQUIV																															
* * * EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL																													T		
	SN ON GND																													T	T	
OLNEY 2 S	SNOWFALL																													T		
	SN ON GND																															
PARIS WATERWORKS	SNOWFALL																													.3		
	SN ON GND																													T		
WINDSOR	SNOWFALL										T																		.5	T		
	SN ON GND																												T	T	T	
* * * SOUTHWEST 08																																
ANNA 1 E	SNOWFALL																													T		
	SN ON GND																															
CAIRO WSO CI	SNOWFALL																													T		
	SN ON GND																													T		
CARBONDALE SEWAGE PL	SNOWFALL																													T	T	
	SN ON GND																															
NASHVILLE 4 NE	SNOWFALL																												T	T		
	SN ON GND																															
SPARTA	SNOWFALL																												T	T		
	SN ON GND																															
* * * SOUTHEAST 09																																
BROOKPORT DAM 52	SNOWFALL																												T			
	SN ON GND																												T			
DIXON SPRINGS AGR C	SNOWFALL																													T		
	SN ON GND																															
GOLCONDA DAM 51	SNOWFALL																														T	
	SN ON GND																															
HARRISBURG	SNOWFALL																													T		
	SN ON GND																															
MC LEANSBORO 2 ENE	SNOWFALL																													T		
	SN ON GND																															
MT VERNON 3 NE	SNOWFALL																											T		.5		
	SN ON GND																													1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY WSCMO AP R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GE8HARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GE8HARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GI8SON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			RO8ERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WIL8UR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUM8ERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	8OND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRIS8URG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRIS8URG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLS8ORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-RO8ERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PU8 SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET 8RANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHS8URG	4655	01	MERCER		41 06	90 57	550		7A			8EN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O 8 PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	8OYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOM8	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 21	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANS8ORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G 8ROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			RO8ERT D OUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			8ERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L 8ROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A 8ULLARD
MT CARMEL	5888	09	WA8ASH		38 24	87 45	420	7A	6A		C	MT CARMEL PU8LIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MAR8URGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	8ROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	RO8ERT G MOORHOUS
MOWEAOUA	5950	07	SHEL8Y		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYS8ORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW 8OSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DEL8ERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	RO8ERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			KARL B MUMMA
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published f om the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

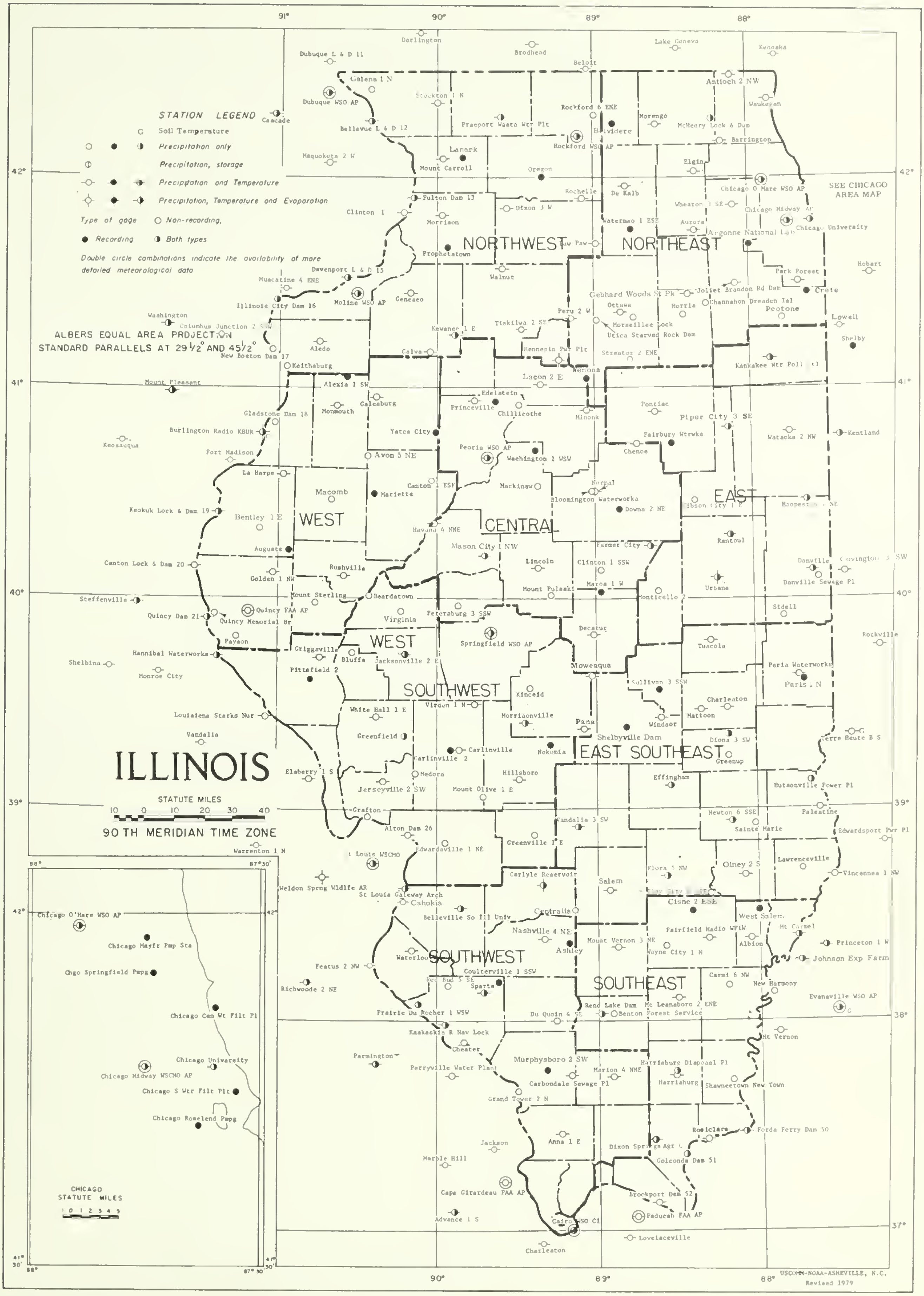
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-⊕- -◆- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Beloit
Dubuque L & D 11
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Freeport Waste Wtr Plt
Morengo
McHenry Lock & Dam
Bellevue L & D 12
Belvidere
Rockford WSO AP
Barrington
Maquoketa 2 W
Lanark
Mount Carroll
Elgin
Oregon
Chicago O Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Dixon 3 W
Wheaton 3 SE
Clinton 1
Morrison
Waterman 1 ESE
Aurora
Chicago Midway AP
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Walnut
Park Forest
Hobart
Davenport L & D 15
Muscatine 4 ENE
Moline WSO AP
Geneseo
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Ottawa
Morris
Channahon Dresden Isl
Illinois City Dam 16
Peru 2 W
Peotone
Washington
Columbus Junction 2 SSW
Morseilles Lock
Lowell
Kewanee 1 E
Tiskilwa 2 SE
Utica Starved Rock Dam
Aledo
Shelby
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Wenona
Kankakee Wtr Poll Ctl
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Monmouth
Princeville
Chillicothe
Pontiac
Minonk
Gladstone Dam 18
Piper City 3 SE
Burlington Radio KBUR
Yates City
Kentland
Keosauqua
Peoria WSO AP
Fairbury Wtrwks
Watseka 2 NW
Fort Madison
Avon 5 NE
Chenoa
Washington 1 WSW
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Mariette
Bloomington Waterworks
Hoopeston 1 NE
Keokuk Lock & Dam 19
Gibson City 1 E
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Mason City 1 NW
Augusta
Farmer City
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Rushville
Golden 1 NW
Urbana
Danville Sewage Pl
Maroa 1 W
Mount Pulaski
Steffenville
Mount Sterling
Beardstown
Monticello 2
Quincy FAA AP
Sidell
Virginia
Quincy Dam 21
Petersburg 3 SSW
Quincy Memorial Br
Decatur
Rockville
Payson
Springfield WSO AP
Griggsville
Tuscola
Hannibal Waterworks
Bluffs
Jacksonville 2 E
Moweaqua
Paris Waterworks
Shelbina
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
Virden 1 N
White Hall 1 E
Windsor
Louisiana Starks Nur
Morrisonville
Mattoon
Pana
Vandalia
Greenfield
Shelbyville Dam
Diona 3 SW
Terre Haute 8 S
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
Grafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
St Louis WSCMO
Edwardsville 1 NE
Lawrenceville
Flora 5 NW
Olney 2 S
Vincennes 1 NW
Carlyle Reservoir
Salem
Weldon Sprng Wldlife AR
St Louis Gateway Arch
Clay City 6 SE
Cahokia
Cisne 2 ESE
West Salem
Centralia
Belleville So Ill Univ
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Mount Vernon 3 NE
Ashley
Albion
Waterloo
Wayne City 1 N
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
Sparta
New Harmony
Richwoods 2 NE
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam 50
Jackson
Anna 1 E
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Cairo WSO CI
Paducah FAA AP
Loveiaceville
Charleston
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979
88°
87°30'
42°
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
1 0 1 2 3 4 5

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS
BULK RATE

214/12: 84/12

DECEMBER 1979 VOLUME 84 NUMBER 12

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CAHOKIA	70	DATE 06
LOWEST TEMPERATURE:	ROCHELLE	-8	DATE 17
GREATEST TOTAL PRECIPITATION:	ANNA 1 E	4.08	
LEAST TOTAL PRECIPITATION:	MOWEAQUA	.55	
GREATEST 1 DAY PRECIPITATION:	CHESTER	2.50	DATE 24
GREATEST TOTAL SNOWFALL:	CHICAGO UNIVERSITY	4.0	
GREATEST DEPTH OF SNOW OR ICE:	2 STATIONS	4	DATE 03+

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	29	SE	23	-	-	-	-	1	4	3	0	1	0	9	46	-
CHICAGO O HARE WSO AP	25	4.3	10.9	40++	3	24	70	73	60	68	5	2	4	0	1	0	12	-	6.6
CHICAGO MIDWAY WSCMO AP	24	4.4	11.8	36	N	24	71	73	65	67	6	4	3	0	1	0	14	55	6.9
MOLINE WSO AP	26	5.3	11.1	34	W	07	73	77	63	69	1	5	0	1	1	0	8	51	6.0
PEORIA WSO AP	24	2.8	10.0	37	NW	07	79	82	68	73	4	2	2	1	1	0	10	53	6.8
ROCKFORD WSO AP	25	3.4	10.3	31++	36	24	75	78	66	73	5	5	0	1	1	0	12	-	6.4
SPRINGFIELD WSO AP	24	4.1	12.8	36	W	07	78	82	65	73	6	1	3	0	1	0	11	48	6.6

CLEMSON UNIVERSITY LIBRARY
APR 22 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
* * * NORTHWEST 01																							
ALEDO	41.4	22.5	32.0	4.5	58	10	-2	17	1016	0	6	26	1	2.15	.42	.75	24	T	0		5	2	0
OIXON 3 W	38.7	20.2	29.5	3.0	58	24	0	17	1096	0	9	29	1	2.71	.89	1.77	25	2.3	2	1	3	2	1
FREEPORT WASTE WTR PLT	38.5	19.8	29.2		56	24	0	18+	1103	0	9	28	2	2.52		1.13	25	2.0	1	16+	4	3	1
FULTON DAM 13	39.6	21.9	30.8	4.0	57	11	1	18+	1054	0	7	29	0	2.13	.45	1.02	23	1.5	2	1	2	2	1
GALVA	38.4	22.2	30.3	2.8	58	11	-1	17	1068	0	9	27	1	3.49	1.80	1.80	25	T	1	4+	5	2	1
GENESEO	40.2	23.8	32.0		59	10	0	17	1013	0	6	26	1	2.79	1.17	1.65	24	T	0		3	2	1
HENNEPIN POWER PLANT	41.3	21.4	31.4		62	24	1	17	1033	0	8	27	0										
KEWANEE 1 E	38.6	20.5	29.6	2.2	59	11	-4	17	1091	0	11	28	2	3.60	1.74	1.80	25	1.5	2	2+	5	2	1
MOLINE WSO AP R	41.2	22.1	31.7	5.1	60	10	-1	17	1027	0	5	26	1	2.27	.50	1.23	22	.8	1	1	2	2	1
MORRISON	39.2	20.1M	29.7M	3.0	57	24+	-2	17	1096	0	8			2.98	1.09	1.37	25	3.0	3	1	4	2	2
MOUNT CARROLL	38.9	16.6	27.8	2.3	57	24	-4	17	1144	0	9	29	3	1.95	.05	.97	25	2.0	2	2+	3	2	0
PAW PAW	37.3	20.1	28.7		57	24	-1	18+	1117	0	10	29	3	2.09	.22	.87	25	1.0	4	3+	5	2	0
ROCHELLE	38.2	18.8	28.5		58	24	-8	17	1123	0	9	28	2	1.90		1.01	25	2.5	3	1	4	2	1
ROCKFORO WSO AP //R	38.2	19.7	29.0	4.1	55	23	-5	17	1110	0	9	27	3	2.24	.53	1.54	24	.9	1	2+	2	2	1
STOCKTON 1 N	37.5M	17.6	27.6M		54	11	-5	17	1152	0	10	29	2	1.45		.66	24		1	1	2	2	0
TISKILWA 2 SE	42.0	24.1	33.1		60	23	1	17	984	0	5	25	0	2.73	.99	1.66	24	.9	2	3+	5	1	1
WALNUT	40.9	23.0	32.0	5.0	60	23	-1	17	1016	0	5	25	1	3.00	1.37	1.97	24	3.1	2	1	5	1	I
DIVISION			30.2	3.9										2.50	.74			1.4					
* * * NORTHEAST 02																							
ANTIOCH 2 NW	38.6	20.0M	29.3M	3.5	53	24+	-4	18	1099	0	7	29	2	1.94	.10	1.22	25	2.2	T	25+	3	1	1
AURORA		23.0	M				-2	17				27	1	2.61	.61	1.01	25	1.8	2	2+	6	2	1
8ARRINGTON	38.1	21.4	29.8		57	24	-1	18+	1084	0	10	28	2	2.06		.93	25				4	1	0
CHICAGO O'HARE WSO AP R	41.8	25.5	33.7	6.6	62	23	1	17	967	0	4	25	0	2.58	.94	1.49	24	.9	2	1	5	1	1
CHICAGO UNIVERSITY //	42.1	28.5	35.3	5.8	57	24	3	17	915	0	4	22	0	2.71	.71	1.60	24	4.0	4	2	6	1	1
CHGO MIDWAY WSCMO AP //R	41.4	26.8	34.1	5.6	59	23	2	17	951	0	5	24	0	2.51	.40	1.53	24	3.6	3	2	4	1	1
OE KAL8	40.1	23.3	31.7	6.4	58	23	-1	17	1024	0	4	25	1	2.35	.47	1.02	24	2.3	2	2+	5	1	1
ELGIN	37.7M	20.5M	29.1M		57	24	-6	18	1105	0		28	2	2.55	.64	.92	25	T	0		5	3	0
GE8HARD WOODS ST PARK	39.3M	21.1	30.2M		60	24	0	17	1073	0	10	29	1	1.85		.92	24	1.5	1	3+	4	2	0
JOLIET 8RANOON RD DAM	40.9	22.3	31.6	3.6	60	24	-1	18+	1029	0	7	28	2	2.22	.27	.74	24				4	3	0
MARENGO																							
OTTAWA	43.1M	25.7M	34.4M	5.5	64	23	2	17	937	0	4	24	0	2.54	.61	1.21	24	.5	1	1	6	1	1
PARK FOREST	39.6	22.9	31.3		58	24	0	17	1041	0	8	26	1	1.99	-.03	.80	24	3.0	3	1	5	2	0
PERU 2 W	43.3	25.1	34.2	5.9	60	23+	0	17	947	0	4	25	1	2.62	.72	1.90	25				5	1	1
WAUKEGAN	38.2	21.6	29.9	2.9	54	24+	-5	18	1083	0	9	29	2	D 1.94	.06	.79	25	1.3			4	2	0
WHEATON 3 SE	42.2	22.1	32.2		58	23	-2	17	1012	0	4	27	1	3.58	1.51	1.21	31	1.1	T	16+	5	3	2
DIVISION			31.9	4.4										2.40	.47			1.9					
* * * WEST 03																							
GALES8URG	41.3	23.7	32.5		60	10	0	17	1000	0	6	26	1	2.91	1.15	1.18	25	T	T	17	5	2	2
GOLOEN 1 NW	44.0M	24.8M	34.4M		63	10	0	17	939	0	3	26	1	1.81	.13	.88	22				3	2	0
LA HARPE	43.4	23.8	33.6	4.4	62	10	-2	17	965	0	4	26	1	1.80	.03	.78	23	T	T	16	4	1	0
MONMOUTH	41.6	25.0	33.3	4.8	59	10	0	17	975	0	4	25	1	1.83	.08	.70	24		0		5	2	0
OUINCY FAA AP	43.4	26.5	35.0		63	11+	3	17	924	0	7	25	0	1.18	-.38	.46	24	T	T	2+	3	0	0
OUINCY DAM 21 //	42.9	23.4	33.2		65	11	3	18+	980	0	6	27	0	1.24	-.45	.60	24	.0	0		3	2	0
RUSHVILLE	44.0	25.5	34.8	4.6	64	10	0	17	930	0	3	24	1	2.08	.02	.92	24	T	0		4	2	0
DIVISION			33.8	4.2										1.84	.06			T					
* * * CENTRAL 04																							
CHENOA	41.9	25.3	33.6		60	23	0	17	964	0	3	25	1	1.11		.86	24	T	T	17+	3	1	0
DECATUR	46.0	26.2	36.1	4.7	62	11+	1	17	887	0	2	22	0	1.40	-.87	.72	24	T	0		3	2	0
FARMER CITY	44.2	26.1	35.2		62	11	1	17	918	0	2	25	0	1.23		.78	24	T	T	17+	3	1	0
HAVANA 4 NNE	43.9	24.6	34.3		65	12	1	17	944	0	5	25	0	2.56	.54	1.10	25	.0	0		5	2	1
LACON 2 E	43.2	25.1	34.2		62	23	0	17	948	0	3	24	1	3.16		1.78	24	.0	0		6	1	1
LINCOLN	45.1	26.2	35.7	5.4	61	11+	3	17	901	0	2	26	0	2.29	.03	.95	25	.0	0		5	2	0
MASON CITY 1 NW	43.6	26.0	34.8		62	11+	0	17	928	0	3	25	1	2.76		1.95	24	.0	0		4	1	1
MINONK	42.5	24.3	33.4	5.5	59	12	-2	17	973	0	6	24	1	1.80	-.23			T					
NORMAL	43.7	27.2	35.5	5.6	59	11	2	17	907	0	3	23	0	1.36	-.84	.80	24	.3	T	3+	4	1	0
PEORIA WSO AP //R	40.5	23.0	31.8	3.8	59	23+	-2	17	1022	0	8	27	1	2.33	.44	1.11	24	.1	T	18+	4	2	1
PRINCEVILLE	41.7	24.4	33.1		59	23+	-2	17	982	0	4	24	1	3.56	1.99	2.45	24	T	0		5	2	1
DIVISION			34.3	4.8										2.14	.07			T					
* * * EAST 05																							
OANVILLE	44.5	26.7	35.6	4.6	62	11	2	17	902	0	2	23	0	1.89	-.44	1.24	24				2	2	1
HOOPESTON 1 NE	42.0	26.3	34.2	4.7	60	11	1	17	949	0	5	24	0	1.40	-.65	.79	24	.1	T	18+	4	1	0
KANKAKEE WTR POLL CTR	38.8M	21.6M	30.2M		56	12	0	18+	1067	0	6	27	2	.89		.31	24	2.0	2	1	3	0	0
PIPER CITY 3 SE	42.3	25.2	33.8	5.1	60	11	-1	17	962	0	4	24	1	1.46	-.40	.86	24	.2	T	18+	3	1	0
PONTIAC	42.5	25.8	34.2	5.0	59	23	1	17	951	0	3	26	0	1.40	-.53	.61	25	.3	T	18+	3	2	0
RANTOUL	41.4M	25.0M	33.2M		62	12	3	17	983	0	6	24	0	1.69	-.49	.80	24		T	17	6	1	0
UR8ANA	43.1	26.7	34.9	4.6	62	11	3	17	924	0	1	23	0	1.45	-.77	.61	24	.1	T	2+	3	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE													PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	40.6	23.6	32.1		60	25	1	18+	1011	0	7	28	0	1.02	- 1.27	.52	24	.3	T	19+	3	1	0
DIVISION			33.5	4.1										1.40	- .69			.5					
* * *																							
WEST SOUTHWEST 06																							
ALTON DAM 26	44.4	25.4	34.9		66	12	4	18+	926	0	4	26	0	1.93		1.07	24	.0	0		3	2	1
CARLINVILLE	46.5	27.5	37.0	4.4	65	11	2	17	859	0	2	23	0	2.43	.45	2.25	24	T	0		2	1	1
GRIGGSVILLE	44.0	26.1	35.1	3.6	65	11+	1	17	924	0	6	24	0	2.92	1.02	1.54	24	T	T	29+	5	2	1
HILLSBORO	46.9	29.3M	38.1M	4.8	65	11	4	17	833	0	2	21	0	1.68	- .70	1.54	24	.0	0		1	1	1
JACKSONVILLE 2 E	42.9	24.0	33.5	1.9	64	11	3	18+	968	0	4	25	0	2.12	.28	.86	25	T	0		5	2	0
JERSEYVILLE 2 SW	44.7	24.9	34.8		65	12	2	17	929	0	4	26	0	1.65		1.16	24	T	0		3	1	1
MORRISONVILLE	44.8	24.1	34.5		65	12	2	18+	940	0	4	27	0	.96		.91	24	T	0		1	1	0
PANA	44.6	28.3	36.5	4.4	63	11	5	17	878	0	3	21	0	1.48	- .91	.96	24	T	T	2+	3	1	0
SPRINGFIELD WSO AP R	44.6	27.0	35.8	5.3	65	11	3	17	898	0	3	24	0	2.36	.44	1.56	24	.1	T	3+	4	1	1
VIRDEN 1 N	46.9	27.1	37.0		64	11	2	17	860	0	2	24	0	2.21	.23	1.00	24	.0	0		4	2	1
WHITE HALL 1 E	46.6	27.4	37.0	4.3	66	11	2	17	860	0	2	22	0	2.07	.27	1.43	24	.0	0		2	2	1
DIVISION			35.8	3.5										1.98	- .04			T					
* * *																							
EAST SOUTHEAST 07																							
CHARLESTON	45.5	27.8	36.7	4.8	64	11	4	17	870	0	2	20	0	2.07	- .16	1.44	24	T	0		3	1	1
EFFINGHAM 3 W	43.6	25.8	34.7	2.1	64	12	5	18+	933	0	4	24	0	2.18	- .37	1.44	24	T	T	4+	3	1	1
FLORA 5 NW	46.9	27.4	37.2	2.8	65	11	4	17	855	0	1	22	0	2.07	- 1.00	1.38	24	.0	0		3	2	1
MATTOON	43.6	25.1	34.4		63	11	4	17	942	0	2	26	0	1.27		.77	24	T	T	1	3	1	0
MOWEAQUA	46.6	27.0	36.8		65	11	3	17	865	0	2	23	0	.55		.27	25				3	0	0
NEWTON 6 SSE	43.8	26.7	35.3		64	12	6	18+	915	0	2	24	0	2.31	- .54	.81	24	.0	0		4	3	0
OLNEY 2 S	46.5	28.3	37.4	2.7	66	11	7	17	844	0	1	19	0	1.77	- 1.25	.80	24	T	0		4	2	0
PALESTINE	45.4	28.6	37.0	3.3	65	11	7	17	859	0	1	21	0	1.82	- 1.20	.88	24	T	0		4	2	0
PARIS WATERWORKS	44.5	25.8	35.2	3.6	63	11	3	17	917	0	2	24	0	1.82	- .98	1.38	24	.3	T	1	2	1	1
SALEM	46.8	28.6	37.7		65	11	6	17	837	0	2	21	0	2.20		1.77	24	.0	0		2	1	1
TUSCOLA	45.2	26.5	35.9		64	11	4	17	900	0	2	26	0	1.91	- .47	1.43	24	T	0		2	1	1
VANDALIA 3 SW	44.5	M	M		65	12	5	17		0	4	19	0	1.92		1.20	24	.0	0		3	1	1
WINDSOR	45.6	27.7	36.7	5.1	64	11	4	17	869	0	2	22	0	1.99	- .59	1.37	24	T	T	1	4	1	1
DIVISION			36.3	3.9										1.84	- .85			T					
* * *																							
SOUTHWEST 08																							
ANNA 1 E	47.5	29.7	38.6	1.9	68	11	7	17	807	0	2	19	0	4.08	.39	1.31	12	.0	0		7	3	2
BELLEVILLE SO ILL UNIV	47.8	27.3	37.6		66	11	6	17	844	0	1	22	0					.0	0				0
CAHOKIA	48.0M	26.9M	37.5M		70	6	6	17	847	0	3	25	0			.60	24	T	0			1	0
CAIRO WSO CI R	48.2	34.5	41.4	2.3	66	11	13	17	727	0	1	14	0	3.33	- .61	1.94	12	.0	0		4	1	1
CARBONDALE SEWAGE PL	45.9	25.0	35.5	- 1.3	64	12	6	17	909	0	2	24	0	2.54	- .61	.92	24	T	T	13	7	1	0
CARLYLE RESERVOIR	45.4M	25.0M	35.2M	1.0	64	12	0	17	916	0	3		1	1.90	- .59			.0	0				
DU QUOIN 4 SE	46.2	28.1	37.2	1.0	65	11	7	17	854	0	1	22	0	2.30	- .65	.90	23	.0	0		5	3	0
KASKASKIA R NAV LOCK	46.8	25.9	36.4		65	12+	- 1	17	880	0	2	24	1	2.84		2.20	24	.0	0		4	1	1
MARION 4 NNE	45.7	26.7	36.2		64	12	8	18+	883	0	2	23	0	2.44	- .64	.83	24	T	T	13	7	2	0
NASHVILLE 4 NE	45.9	29.3	37.6		63	11	6	17	843	0	1	19	0	2.52	- .19	1.90	24	.0	0		3	1	1
SPARTA	47.7	29.3	38.5	2.2	64	11	6	17	814	0	1	20	0	2.71	.14	1.51	24	T	0		4	2	1
WATERLOO	46.0	27.5	36.8		67	12+	3	17	867	0	3	23	0	2.06	- .27	1.28	24	T	0		4	1	1
DIVISION			37.4	1.2										2.67	- .37			T					
* * *																							
SOUTHEAST 09																							
ALBION	46.8	28.9	37.9		66	11	7	17	834	0	3	22	0	1.69	- 1.71	.85	23	.0	0		5	1	0
BROOKPORT DAM 52	48.9	29.8	39.4		65	11	9	17	787	0	1	21	0	3.48	- .30	1.45	13	.0	0		5	3	2
DIXON SPRINGS AGR C	48.2	30.0	39.1		64	12+	8	17	796	0	1	19	0	3.60		1.14	24	.0	0		6	3	1
FAIRFIELD RADIO WFIW	46.4	28.5	37.5	2.1	64	11	6	17	847	0	1	20	0	2.43	- .60	.93	24	.0	0		5	2	0
HARRISBURG	48.7	30.8	39.8	2.5	66	11	9	17	776	0	1	20	0	2.55	- .83	.83	12	.0	0		6	2	0
MC LEANSBORO 2 ENE	45.0	27.9	36.5	.3	62	11+	8	18+	878	0	2	24	0	1.96	- 1.17	.52	24	.3	T	13	7	1	0
MT CARMEL	44.9	28.0	36.5		64	12	7	18	878	0	1	22	0	1.53		.78	24	.0	0		3	1	0
MT VERNON 3 NE	47.5M	26.5M	37.0M	2.0	65	11	5	17	881	0	2	25	0	2.13	- .82	1.70	24				2	1	1
RENO LAKE DAM	45.6	26.7M	36.2M		66	12	6	17	894	0	2	24	0	2.37		1.25	24				4	2	1
ROSICLARE	48.4	29.5	39.0		65	11	9	17	801	0	1	19	0	2.84	- .82	1.02	24	.0	0		6	2	1
DIVISION			37.9	1.7										2.46	- .85			T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
ALEDO	2.15							.10				.04					T						.41	.73	.75	.12						
DIXON 3 W	2.71	.08						.04					.03				T							.58	.21	1.77						
FREEPORT WASTE WTR PLT	2.52	.50						.01	T				.01				.01							.70	.16	1.13						
FULTON DAM 13	2.13	.03						.04	T				T				T	T						1.02	.08	.96						
GALENA 1 N	1.32	.06						T	.03				.03				.02						T	.68	.30	.20						
GALVA	3.49	.01	T					.10					.22					T					T	.99	.37	1.80						
GENESEO	2.79	T					T	.09				.10					T						.93	.02	1.65							
HENNEPIN POWER PLANT	-	.12						.01					.13											-	.13	-						
ILLINOIS CITY DAM 16 //	1.38	T						.03	T				T				T	T					.12	1.07	.02	.14						
KEITHSBURG	1.76	T						.06					.06	T			T						.06	.93		.65						
KEWANEE 1 E	3.60	.01						.08					.21				T	T					.26	.86	.38	1.80						
MOLINE WSO AP R	2.27	.02					.01	.04	T			.06					.03						1.23		.88							
MORRISON	2.98	.10						.07	.02				.04					.04					.04	1.12	.18	1.37						
MOUNT CARROLL	1.95	.05						.03	T				T				.01						T	.78	.11	.97						
NEW BOSTON DAM 17	1.25	T	T					.09					T				T						.06	.82	.02	.26						
PAW PAW	2.09	.08						.12	T				.10				T	T					.04	.55	.33	.87						
ROCHELLE	1.90	.07						T					.12				T	T						.50	.20	1.01						
ROCKFORD 6 ENE	1.68	.04	T					.03					.03					T					T	.45	*	1.13	T					
ROCKFORD WSO AP //R	2.24	.02					T	.05	T			.05					.03					T	.53	.02	1.54		T		T			
STOCKTON 1 N	1.45	.04						.02									.02						.62	.09	.66							
TISKILWA 2 SE	2.73	T						.11				.04	.08				T					T	.40	.28	1.66	.16						
WALNUT	3.00	.11						T				T	T				T						.34	.35	1.97	.23						
NORTHEAST 02																																
ANTIOCH 2 NW	1.94	.03						.03	.01					.02			T	.09						.25	.29	1.22	T	T				
AURORA	2.61	.15						T	.11				.13				T	.02					.01	.81	.37	1.01	T					
BARRINGTON	2.06	.06	T					.02					.10				.05						.01	.47	.42	.93						
CHANNAHON DRESDEN ISL	2.64	.05	T					.03	.01				.04				T	.03					T	.75	.83	.85				.05		
CHICAGO O'HARE WSO AP R	2.58	.05					T	.12	T			.12					.08					T	.41	.31	1.49	T	T					
CHICAGO UNIVERSITY //	2.71	.14	.12					.14									.07						.05	.32	1.60	.27						
CHGO MIDWAY WSCMO AP //R	2.51	.08					T	.16	T			.09	T				.09					T	.24	.27	1.53	.05	T		T			
DE KALB	2.35	.08						.10	.05			.02	.09				.05						.20	.47	1.02	.27	T					
ELGIN	2.55	.50						.06	.01	T			T				T						.10	.60	.36	.92						
GEBHARD WOODS ST PARK	1.85	.12						.10									T						.04	.67	.92					T		
JOLIET BRANDON RD DAM	2.22	.07	T					.13	T				.06					.01					T	.62	.74	.59						
MARENGO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARSEILLES LOCK	2.51	.03	T					.12	T				.12				T	.01					.01	.70	.53	.99				T		
MC HENRY LOCK AND DAM	1.64	.03	T					.06	T				.05				.02	.02					T	.28	.32	.86						
MORRIS	-							-																.70	.74	1.32						
OTTAWA	2.54	.06						.13				.12					T						.35	.49	1.21	.18						
PARK FOREST	1.99	.10	T					T	T				.24										T	.25	.80	.60		T				
PEOTONE	1.52	.09						T	.04				.16					.01					T	.21	.62	.39						
PERU 2 W	2.62						.14	.07						.11											.30	1.90	.10					
STREATOR 2 ENE	2.63	.01						.05					.01				.01						.31	.30	1.77	.17						
UTICA STARVED ROCK DAM	2.77	.03	T					.14	T				.12				T	.01					.21	.80	.44	1.02						
WAUKEGAN	0 1.94	.05						.08	.03				.07	T				0 .10					.01	.50	.31	.79						
WHEATON 3 SE	3.58	.05	.18														.04							.36	1.20	.54						1.21
WEST 03																																
AVON 5 NE	2.01	T						T					.06				T						.09	.80	.31	.75						
BENTLEY 1 E	1.62	T						.02				T	.03										.64	.32	.61							
CANTON 1 ESE	3.28								.02				.12			.26							.90	T	1.84	.13					.01	
GALESBURG	2.91	T						.08					.17					T					.21	1.10	.17	1.18						
GLADSTONE DAM 18	1.42	T	T					.06					T					T					.20	.71	.11	.34						
GOLDEN 1 NW	1.81											T											.88	.18	.75							
LA HARPE	1.80							.02					.03				T						.26	.78	.33	.38						
MACOMB	1.84	T	T					.04					.02										.32	.48	.27	.71						
MONMOUTH	1.83							.07				T	.12				T						.57	.21	.70	.16						
MOUNT STERLING	1.96																						.65	.40	.91							
PAYSON	1.25	T	T										.10										T	.24	.71	.20						
QUINCY FAA AP	1.18	T						T				.05											.33	.34	.46							
QUINCY DAM 21 //	1.24												T											.52	.60	.12						
QUINCY MEMORIAL BRIDGE	1.53		T				T						.14										.04	.60	.62	.13						
RUSHVILLE	2.08	T						T				T	.19										.59	.06	.92	.32			T			
CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.16		T					.02					.03				T						.12	.23	.20	.56						
CHENOA	1.11	T						T				T					T	T				T	.02	.10	.86	.13						
CHILLICOTHE	3.03							.10					.18					T					.29	.52	.42	1.52						
CLINTON 1 SSW	1.89							.01					.06					T					.22	.12	.58	.90						
DECATUR	1.40	T	T					T					T					T					.04	.13	.72	.51						
FARMER CITY	1.23		.01					.05				.05						T					.04	.16	.78	.14						
HAVANA 4 NNE	2.56												.24					T					.20	.22	.80	1.10						
LACON 2 E	3.16	T						.11					.14				T						.49	.39	1.78	.25						
LINCOLN	2.29		T					T					.11					T					.14	.20	.89	.95						
MACKINAW	3.08	T						.02				T	.13				.01						.25	.06	2.49	.12						
MASON CITY 1 NW	2.76												.15										.49	.05	1.95	.12						
MINONK	1.80	T	T										*	*	*	*	*	*	*	*	*	*	*	*	1.80				T	T	T	T
MOUNT PULASKI	1.58											T	.09										.16	.15	1.18							
NORMAL	1.36	.01						.04				T	.03				.01						.22	.13	.80	.12						
PEORIA WSO AP //R	2.33	T					T	.05				.20	T				.01						.66	.30	1.11	T						
PETERSBURG 3 SSW	2.49												.20										.28	.06	1.01	.94						
PRINCEVILLE	3.56	T						.04				T	.19				T						.68	.10	2.45	.10				T		
EAST 05																																
DANVILLE	1.89	T						.02					.05				T						.51	.03	1.24	.04						
DANVILLE SEWAGE PLANT	2.44		T					T	T				.03										T	.75	1.60	.06						
GIBSON CITY 1 E	1.24							.01					.07					T					.08	.14	.72	.22						
HOOPESTON 1 NE	1.40	T	T					T	T				.10					.01					T	.40	.79	.10						
KANKAKEE WTR POLL CTR	.89	.08						.04					T				.01							.18	.31	.27						
MONTICELLO 2	1.16		.02						.02														.14	.27	.61	.10					T	T
PIPER CITY 3 SE	1.46	.02	T					.01	T				.05					T					.05	.25	.86	.22						
PONTIAC	1.40	T	T					.02					.06					.02			T		.03	.13	.53	.61						
RANTOUL	1.69		T					.10					.05				.21	T					.28	.10	.80	.15	T					
SIDELL	2.03												.03										T	.48	1.03	.49						
URBANA	1.45	.01						.02				T	.03				T					T	.41	.36	.61	.01						
WATSEKA 2 NW	1.02	.03															T	T				T	T	.26	.52	.21						
WEST SOUTHWEST 06																																
ALTON DAM 26	1.93												T										.02	.07	1.07	.60					.02	.15
BEARDSTOWN	1.82		T										T										T	.27	.32	.75	.48					
BLUFFS	3.06																						.91		1.87	.15					.13	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	2.43	T						T					.02										.10	.03	2.25	.03				T		
EDWARDSVILLE 1 NE	2.20																						T	.05	1.16	.87					T	.12
GRAFTON	2.03												T										.18	.06	.87	.79					T	13
GREENFIELD	2.15												.05										.45	.04	.95	.60						
GREENVILLE 1 E	1.57																							.27	.95	.33					.02	
GRIGGSVILLE	2.92												.18										.64	.17	1.54	.39			T	T		
HILLSBORO	1.68	T											T									T	.05	.04	1.54	.05					T	
JACKSONVILLE 2 E	2.12	T											.15										.34	.11	.66	.86						
JERSEYVILLE 2 SW	1.65		T										T										.27	.04	1.16	.18					T	T
KINCAID	1.70	T											.01										.01	.07	.84	.77						
MEDORA	1.88						T						.01										.22		1.65					T	T	
MORRISONVILLE	.96	T											T	T									T	.05	.91							
MOUNT OLIVE 1 E	1.84																								1.12	.72						
PANA	1.48		T										T					T						.11	.96	.41						
SPRINGFIELD WSO AP R	2.36	.01					T	T				.14	T				T					T	.25	.40	1.56	T						
VIRDEN 1 N	2.21		T																				.30	.10	1.00	.81						
VIRGINIA	2.52						T	T				.22											.45	.09	1.30	.46						T
WHITE HALL 1 E	2.07												T										.60	T	1.43	.04						
■ ■ ■ EAST SOUTHEAST 07																																
CHARLESTON	2.07	T						T					T				T							45	1.44	.18						
CLAY CITY 6 SSE	1.83												.13										.42	.33	.75						.20	
DIONA 3 SW	1.45																						.75	.50	.20							
EFFINGHAM 3 W	2.18		T										T	T				T					T	.40	1.44	.34						
FLORA 5 NW	2.07																					T	.52	.07	1.38	.10					T	
GREENUP	2.21		T																					.48	1.43	.30						
HUTSONVILLE POWER PL	1.90							T					.09	T									.15	.50	.96	.20						
LAWRENCEVILLE	2.03		T										.16	.06				T					.25	.47	.89	.20					T	
MATTOON	1.27	T						T					T										.39	.11	.77							
MOWEAQUA	.55	T															T						.10		.18	.27				T	T	
NEWTON 6 SSE	2.31													.64									.02	.67	.81	.17						
OLNEY 2 S	1.77	T											.13										.65	.05	.80	.14						
PALESTINE	1.82	T										T		T								.26	.53	.15	.88	T						
PARIS WATERWORKS	1.82	T						T					T				T						.37	.05	1.38	.02						
SAINTE MARIE	1.81		T					.04					.03										.11	.49	.94	.20						
SALEM	2.20	T						T					T	T									.35	.01	1.77	.05					.02	
TUSCOLA	1.91	T						T					T				T						.41	.06	1.43	.01						
VANDALIA 3 SW	1.92																							.35	1.20	.32					.05	
WINDSOR	1.99	T						T					T				T						.31	.12	1.37	.19						
■ ■ ■ SOUTHWEST 08																																
ANNA 1 E	4.08												1.31	.25								.21	.73	.22	1.15	.01					.13	.07
BELLEVILLE SO ILL UNIV	-												T										■	.65								
CAHOKIA	-	T												T									T	T	.60	-					.02	T
CAIRO WSO CI R	3.33											.06	1.94									T	.35	.47	.30					.08	.08	.05
CARBONDALE SEWAGE PL	2.54												.29	.35									T	.42	.92	.26					.12	.18
CARLYLE RESERVOIR	1.90																							.31	■	■	1.50				.05	.04
CENTRALIA	2.68												T											.37	1.70	.57					.04	
CHESTER	3.62												T	.07									T	.30	2.50	.48					.04	.23
DU QUOIN 4 SE	2.30												.02										.53	.90	.50	.02					.15	.18
GRAND TOWER 2 N	2.67												.17	.20									.07		1.80	.26						.17
KASKASKIA R NAV LOCK	2.84												T	T									.01	.25	2.20	.16					.03	.19
MARION 4 NNE	2.44												.22	.51								T	.10	.33	.83	.24			T		.07	.14
NASHVILLE 4 NE	2.52																							.23	1.90	.24					.06	.09
PRAIRIE DU ROCHER 1WSW	2.41																						.02	.19	1.54	.42					.04	.20
RED BUD 5 SE	1.92												T	T								T		.24	1.40	.15					.05	.08
SPARTA	2.71												T										.32	.71	1.51	T					.10	.07
WATERLOO	2.06																							.15	1.28	.43					.08	.12
■ ■ ■ SOUTHEAST 09																																
ALBION	1.69												.12									T	.20	.85	.42	.10						
BENTON FOREST SERVICE	1.63												.02	.18										.56	.60	.27						
BROOKPORT DAM 52	3.48												.50	1 45									.10	.12	1.10	.05					.09	.07
CARMI 6 NW	1.88												.02	.42									.01	.41	.64	.10					.23	.05
DIXON SPRINGS AGR C	3.60												.99	.61								.01	.27	.37	1.14	.03					.04	.14
FAIRFIELD RADIO WFIW	2.43												.23	.07								T	.72	.08	.93	.19					.21	T
GOLCONDA DAM 51	3.97												.41	.87	.14								.03	.20	1.40	.67					.14	.11
HARRISBURG	2.55												.83	.47								.05	.16	.15	.61						.09	.19
HARRISBURG DISPOSAL PL	2.14												.73	.11								T	.03	.11	.72	.17	.01		T		.09	.17
MC LEANSBORO 2 ENE	1.96												.20	.22								.01	.07	.43	.52	.20	.01				.17	.13
MT CARMEL	1.53							T					T	.38				T					T	T	.78	.28					.09	T
MT VERNON 3 NE	2.13												.02	.05								T	T	T	1.70	.36				T	T	
RENO LAKE DAM	2.37												T	.03	.02								T	.62	1.25	.25		T			.03	.17
ROSICLARE	2.84												.85	.34									.18	.22	1.02	.03					.05	.15
SHAWNEETOWN NEW TOWN	3.42												1.00	.71	T							T	.05	.10	1.25	.11					.10	.10
WAYNE CITY 1 N	1.70													.17										.63	.69	.21						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	29	28	41	48	53	44	44	32	50	58	56	30	34	36	47	43	20	40	48	47	48	51	56	44	38	35	35	32	40	37	38	41.4
	MIN	18	8	20	23	38	24	30	17	23	33	29	11	11	13	22	1	-2	13	26	23	27	37	42	35	28	26	28	22	19	28	24	22.5
DIXON 3 W	MAX	29	26	26	37	43	52	42	40	35	47	55	54	26	32	36	44	14	20	36	45	44	46	52	58	42	38	32	34	29	44	42	38.7
	MIN	15	4	10	17	19	27	28	21	21	29	31	15	16	15	16	12	0	1	15	21	23	31	44	39	31	25	27	20	15	16	21	20.2
FREEPORT WASTE WTR PLT	MAX	28	27	27	37	47	52	43	41	30	45	55	53	25	32	36	45	15	19	36	43	43	43	50	56	40	38	33	37	28	44	44	38.5
	MIN	14	7	7	24	27	26	26	20	20	20	35	14	14	17	16	13	0	0	14	17	18	30	39	38	28	25	28	22	17	18	21	19.8
FULTON DAM 13	MAX	30	26	30	38	49	50	48	45	40	46	57	52	24	33	38	47	18	20	38	49	46	44	51	55	42	38	35	36	26	38	39	39.6
	MIN	19	10	10	24	25	25	28	21	21	28	32	16	16	19	19	18	1	1	13	23	23	32	38	37	30	28	28	24	22	21	28	21.9
GALVA	MAX	29	22	28	38	48	53	43	40	29	47	58	55	23	30	35	45	20	19	36	45	44	47	51	57	40	36	32	34	35	36	36	38.4
	MIN	20	8	8	22	25	26	26	24	20	27	38	14	14	16	19	19	-1	1	15	24	28	37	45	39	30	27	28	23	20	21	26	22.2
GENESEO	MAX	28	28	38	47	54	43	44	31	48	59	55	23	33	36	45	38	20	38	47	44	48	49	58	41	39	34	34	28	35	41	40	40.2
	MIN	15	10	23	26	34	26	29	22	27	34	22	15	18	15	27	5	0	15	26	21	26	43	41	36	30	27	26	23	21	29	26	23.8
HENNEPIN POWER PLANT	MAX	31	24	32	40	48	56	46	43	34	49	60	57	28	31	39	51	21	23	38	48	48	49	53	62	47	36	34	38	31	42	42	41.3
	MIN	20	7	11	10	23	27	29	22	22	30	37	19	18	14	18	20	1	3	15	11	22	36	47	41	30	23	26	21	18	20	22	21.4
KEWANEE 1 E	MAX	28	22	29	38	48	53	43	42	31	49	59	55	27	32	31	44	16	20	38	45	45	47	51	58	40	36	32	35	28	36	38	38.6
	MIN	17	7	5	18	30	26	29	14	18	27	39	14	14	12	22	12	-4	-1	18	18	25	31	44	39	32	27	23	22	16	20	23	20.5
MOLINE WSO AP	MAX	28	29	41	48	54	45	44	31	50	60	55	21	34	38	49	35	20	40	49	46	47	51	57	41	40	35	36	33	39	40	40	41.2
	MIN	15	8	22	17	34	24	29	20	25	34	19	13	12	12	26	4	-1	13	23	20	25	37	41	36	29	25	25	23	23	27	24	22.1
MORRISON	MAX	30	25	29	39	45	52	44	40	31	48	57	54	24	33	37	46	16	20	38	49	45	44	49	57	41	40	34	34	29	43	43	39.2
	MIN	16	1		21		25		20	20	26		15	14	13		14	-2			19			43	39	29	26	26	22	18	17	21	20.1
MOUNT CARROLL	MAX	29	25	29	37	46	52	42	40	30	47	56	53	23	32	38	48	14	18	37	47	45	45	48	57	40	40	33	38	28	46	44	38.9
	MIN	14	0	8	12	13	22	21	19	19	22	30	13	12	9	9	12	-4	-2	12	14	16	31	42	38	28	20	27	18	13	13	15	16.6
PAW PAW	MAX	26	24	25	33	40	50	42	40	31	45	53	54	24	32	35	42	17	20	35	44	43	43	47	57	42	33	31	35	28	44	41	37.3
	MIN	18	-1	5	17	17	28	17	22	22	26	28	17	17	17	17	15	-1	-1	10	25	29	32	41	42	30	25	27	21	17	20	25	20.1
ROCHELLE	MAX	28	24	25	33	44	52	44	40	41	44	53	52	25	32	36	42	17	19	34	44	44	44	50	58	43	36	32	35	28	42	42	38.2
	MIN	13	1	1	15	16	25	25	19	18	27	32	15	14	12	10	10	-8	-3	13	20	23	34	42	42	31	28	25	22	20	17	25	18.8
ROCKFORD WSO AP	MAX	25	25	34	42	53	40	41	30	44	53	53	26	31	35	43	37	17	32	42	42	42	44	55	42	36	31	34	27	44	42	42	38.2
	MIN	10	-1	16	16	33	25	26	21	26	27	26	15	14	12	23	-1	-5	9	19	18	27	40	41	33	23	22	22	21	15	19	18	19.7
STOCKTON 1 N	MAX		25	26	37	45	51	41	37	36	44	54	51	23	29	35	45	11	18	35	43	43	42	47	52	39	38	32	32	29	43	42	37.5
	MIN	11	2	5	15	25	19	16	16	19	32	32	11	12	11	17	9	-5	0	15	13	16	30	39	36	27	23	25	20	14	18	22	17.6
TISKILWA 2 SE	MAX	28	30	38	44	56	44	44	44	49	57	56	34	34	37	44	34	21	37	47	49	47	48	60	50	47	32	36	31	42	40	41	42.0
	MIN	19	7	7	26	38	27	32	22	26	33	33	17	20	15	24	9	1	13	28	19	28	40	46	36	30	28	28	22	20	29	24	24.1
WALNUT	MAX	27	27	36	41	54	44	43	33	48	58	56	34	32	36	43	37	20	36	46	45	45	47	60	57	44	35	35	31	38	40	40	40.9
	MIN	13	3	16	24	36	26	32	20	24	33	33	16	19	14	26	10	-1	13	23	20	29	38	44	35	30	27	25	20	19	26	21	23.0
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	28	26	33	34	46	53	42	42	30	44	52	53	24	36	37	44	22	20	33	40	42	44	45	53	43	37	32	35	36	47	43	38.6
	MIN	15	10	11	13	21	32	27	19	20	20	30			16	16	20	-3	-4	13	22	20	29	41	39	32	23	21	20	19	20	19	20.0
AURORA	MAX																																
	MIN	16	8	17	19	34	29	30	20	27	29	32	19	17	18	28	5	-2	12	21	22	29	42	44	34	28	28	23	21	18	23	23	23.0
BARRINGTON	MAX	21	21	30	33	43	51	43	42	30	44	54	53	28	34	37	44	20	20	32	42	43	45	48	57	46	36	32	36	24	48	44	38.1
	MIN	17	6	17	19	23	30	29	23	23	27	33	18	16	15	16	20	-1	-1	13	24	28	28	43	42	32	24	24	20	17	18	19	21.4
CHICAGO O'HARE WSO AP	MAX	29	30	36	45	54	42	45	33	46	56	56	34	36	38	45	37	19	33	44	44	48	50	62	51	38	33	38	31	52	47	44	41.8
	MIN	21	12	21	25	37	32	33	23	29	31	34	23	19	20	29	5	1	14	24	29	28	44	46	37	28	26	25	24	22	23	24	25.5
CHICAGO UNIVERSITY	MAX	27	31	33	42	51	53	44	42	43	52	55	55	35	36	40	44	19	30	39	40	42	46	54	57	45	36	40	40	45	46	42	42.1
	MIN	22	17	22	27	38	34	36	24	27	24	38	25	26	23	29	19	3	16	28	32	33	42	45	43	34	30	30	30	25	30	30	28.5
CHGO MIDWAY WSCMO AP	MAX	29	30	35	43	54	40	44	32	47	56	57	36	36	37	44	37	19	34	44	43	48	49	59	52	38	32	39	37	47	42	43	41.4
	MIN	22	15	20	25	36	34	32	25	29	33	36	24	23	21	29	7	2	15	28	29	32	45	45	37	32	28	27	26	23	25	27	26.8
DE KALB	MAX	26	26	33	39	51	45	42	36	45	53	54	42	33	37	42	38	19	34	44	42	42	46	58	51	39	34	35	32	44	41	41	40.1
	MIN	16	7	14	21	34	27	34	22	22	29	40	17	16	18	23	9	-1	11	25	24	28	40	41	39	30	26	24	21	17	25	23	23.3
ELGIN	MAX	25	24	27	32	40	49	42	42	29	44	52	52	25	33	35	43	21	17	31	42	43	44	47	57	45	37		34	29	47	43	37.7
	MIN	16	10	10	17	23	29	28	20	20	25	29	17	17	16	16	18	-2	-6	8		28	32	42	41	31	25		19	19	22	24	20.5
GEBHARD WOODS ST PARK	MAX	30	23	28	34	44	55	44	39	30	47	55	57	28	36	32	41	29	21	30	44	45	47	49	60	50		34	36	29	39	42	39.3
	MIN	21	7	10	10	24	30	31	20	21	25	30	22	19	12	14	21	0	2	14	16	27	32	41	45	25	26	29	19	20	20	22	21.1
JOLIET BRANDON RD DAM	MAX	28	25	29	36	47	55	45	44	36	47	56	57	30	37	38	45	27	20	35	45	44	47	50	60	50	39	39	37	29	45	45	40.9
	MIN	18	8	10	21	21	30	31	21	22	30	32	21	18	18	18	25	-1	-1	12	25	27	33	42	41	32	26	28	20	18	19	25	22.3
MARENGO	MAX																																
	MIN																																
OTTAWA	MAX	29	33	39	46	57	46	44	38	50	58	56	30	38	40	45	42	23	38	48	47	49	48	64	56	42	35	38	29		44	42	43.1
	MIN	22	8	20	25	37	30	33	23	25	33	30	23	23	17	25	14	2	15	26	21	30	45	46	42	33	28	29	22		20	25	25.7
PARK FOREST	MAX	27	25	30	34	43	52	43	42	31	46	56	55	30	36	37	42	28	20	34	43	42	45	50	58	48	38	32	39	34	45	43	39.6
	MIN	19	9	18	21	25	31	30	21	21	29	35	23	21	18	18	5	0	2	16	23	26	36	42	46	33	26	28	23	18	21	25	22.9
PERU 2 W	MAX	31	31	40	47	54	50	44	32	50	46	56	54	36	36	34	44	27	40	40	40	50	60	60	56	52	40	40	33	35	42	43	43.3
	MIN	20	10	22	25	45	30	30	22	23	28	35	21	12	18	14	27	0	20	15	29	28	38	44	43	40	27	27	22	20	20	23	25.1
WAUKEGAN	MAX	25	26	30	33	45	52	41	42	30	44	54	54	25	34	37	43	28	18	31	40	38	43	47	54	44	34	31	34	34	48	44	38.2
	MIN	19	11	9	20	24	30	29	22	20	26	25	20	18	17	15	28	-2	-5	11	24	30	31	43	40	32	25	23	22	20	22	21	21.6
WHEATON 3 SE	MAX	26	30	34	40	51	45	43	38	45	55	55	52	35	36	44	42	19	32	45	44	44	46	58	52	40	37	38	38	49	50	44	42.2
	MIN	19	5	12	20	29	30	33	20	22	29	30	20	15	17	25	10	-2	12	20	21	25	42	42	40	32	24	24	18	15	18	19	22.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	27	30	40	49	56	45	44	30	51	60	54	32	33	37	46	38	22	39	49	47	49	50	58	41	37	34	38	28	40	36	41	41.3
	MIN	14	8	22	22	43	27	29	19	26	33	16	12	15	15	26	4	0	15	28	27	32	45	40	35	29	27	25	22	21	30	28	23.7
GOLDEN 1 NW	MAX	32	39	46	54	57	47	48	43	55	63		35	40	39	50	44	21	42	47	58	53	53	55	40	37	34	41	35	31	38	43	44.0
	MIN	21	10	21	25	42	25	39	20	25	31	14	13	15	17	26	12	0	15	24	32		49	40	35	30	28	25	25	25	29	32	24.8
LA HARPE	MAX	30	31	44	53	57	48	47	33	53	62	57	28	35	39	49	40	20	41	53	51	58	53	56	44	38	35	38	33	39	39	40	43.4
	MIN	21	7	21	22	42	23	31	17	24	35	26	11	13	12	25	9	-2	12	27	24	30	43	42	36	30	26	26	24	22	30	29	23.8
MONMOUTH	MAX	28	31	40	48	55	46	44	33	50	59	55	30	33	36	47	40	21	40	50	48	50	50	57	45	38	34	37	33	38	36	38	41.6
	MIN	22	8	20	25	39	26	33	20	24	34	30	13	15	15	24	11	0	14	30	26	31	42	45	37	31	27	29	24	22	30	28	25.0
QUINCY FAA AP	MAX	29	31	45	54	57	49	49	31	54	63	63	24	37	39	50	38	22	43	55	50	57	55	55	42	36	35	37	30	31	40	43	43.4
	MIN	17	12	22	28	39	28	28	22	29	39	24	16	15	18	29	7	3	19	32	28	34	52	42	36	30	29	28	27	27	30	30	26.5
QUINCY DAM 21	MAX	36	28	33	46	57	56	50	48	32	55	65	64	21	39	41	50	18	24	45	50	52	58	55	55	39	35	37	38	31	33	39	42.9
	MIN	19	11	12	23	23	29	29	21	22	31	41	15	15	13	15	15	3	3	17	27	28	38	49	35	30	27	27	26	25	26	31	23.4
RUSHVILLE	MAX	31	31	44	53	56	47	37	37	53	64	63	35	34	38	47	41	21	41	55	50	54	53	59	47	46	34	40	33	33	42	44	44.0
	MIN	21	9	21	24	41	26	24	20	25	35	34	11	17	13	25	12	0	15	30	26	35	47	47	36	30	27	30	22	23	31	32	25.5
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	28	30	35	45	54	44	45	39	49	55	57	45	36	39	45	36	20	39	47	48	50	48	60	52	41	33	37	36	33	38	35	41.9
	MIN	21	10	17	20	36	31	33	21	27	29	44	22	21	16	20	11	0	13	27	19	25	43	45	41	32	29	30	23	20	29	29	25.3
DECATUR	MAX	30	37	38	52	58	47	49	38	50	62	62	55	37	43	48	37	21	41	53	54	52	51	61	55	38	39	40	43	45	48	42	46.0
	MIN	20	11	20	19	37	31	36	23	25	34	47	20	23	11	21	13	1	11	26	25	33	43	47	36	33	30	31	20	26	27	31	26.2
FARMER CITY	MAX	28	36	36	49	57	45	46	38	50	59	62	57	39	42	46	36	24	39	52	50	49	48	59	53	37	33	38	41	40	43	38	44.2
	MIN	18	12	19	21	36	31	35	23	25	30	44	22	25	18	21	11	1	12	23	22	31	42	46	37	31	30	28	25	29	31	30	26.1
HAVANA 4 NNE	MAX	32	29	33	40	52	58	58	46	40	54	63	65	22	34	38	47	49	22	42	51	51	56	53	60	42	37	34	48	29	36	41	43.9
	MIN	22	10	14	22	31	29	31	23	24	30	42	16	17	16	22	18	1	5	22	23	24	40	48	41	33	29	29	22	23	24	33	24.6
LACON 2 E	MAX	29	33	40	49	56	45	45	37	51	60	57	39	34	39	47	42	22	39	48	50	52	51	62	57	37	37	37	31	34	38	40	43.2
	MIN	19	8	21	26	39	29	35	22	24	35	37	18	19	13	24	11	0	14	27	18	25	45	47	36	31	31	29	20	20	25	29	25.1
LINCOLN	MAX	31	33	38	50	59	47	48	38	51	61	61	58	36	38	46	37	22	41	52	52	54	51	60	55	39	36	39	39	41	46	40	45.1
	MIN	21	13	19	20	36	30	25	24	24	32	46	19	24	15	21	14	3	13	25	25	30	45	48	37	32	29	30	23	24	32	32	26.2
MASON CITY 1 NW	MAX	30	32	39	50	56	46	46	38	51	62	62	41	33	38	46	36	22	42	49	51	55	51	59	50	38	35	39	35	37	42	42	43.6
	MIN	23	12	21	22	38	29	29	22	25	32	41	18	20	14	22	12	0	15	25	23	30	46	48	38	33	29	30	22	24	32	31	26.0
MINONK	MAX	29	27	29	41	48	48	42	34	42	56	56	59	24	46	51	53	31	28	48	47	49	49	56	46	45	45	40	36	38	39	36	42.5
	MIN	20	14	18	19	22	33	34	20	20	33	38	13	16	19	33	31	-2	2	24	26	27	29	36	35	32	28	28	26	25	29	26	24.3
NORMAL	MAX	31	31	36	45	55	53	44	39	50	58	59	58	35	39	45	44	20	39	49	50	51	51	58	57	40	33	35	36	37	39	38	43.7
	MIN	22	9	22	18	38	32	38	22	27	35	46	20	24	18	25	14	2	15	26	23	36	45	47	40	32	29	30	22	22	32	31	27.2
PEORIA WSO AP	MAX	26	30	38	48	58	44	43	30	49	59	58	24	32	35	44	33	19	37	50	47	51	48	59	44	36	32	37	27	38	40	41	40.5
	MIN	15	9	20	19	35	27	28	20	25	31	24	15	18	16	22	4	-2	12	21	25	31	45	41	35	28	27	23	20	21	30	27	23.0
PRINCEVILLE	MAX	28	33	40	49	51	46	44	34	52	59	57	33	33	37	45	38	20	38	49	47	49	49	59	49	37	32	37	32	37	37	41	41.7
	MIN	19	17	20	23	40	25	33	21	25	33	33	16	18	12	23	10	-2	13	25	22	29	40	47	34	30	27	28	20	19	30	27	24.4
* * *																																	
EAST 05																																	
DANVILLE	MAX	31	35	35	47	55	51	49	41	47	58	62	60	42	41	45	39	23	37	50	49	49	48	56	58	42	37	39	36	35	43	40	44.5
	MIN	21	14	16	24	38	33	36	25	24	27	46	27	29	21	16	14	2	14	27	19	25	43	46	40	35	31	31	21	26	28	28	26.7
HOOPESTON 1 NE	MAX	28	32	33	46	54	47	47	38	46	56	60	59	37	37	43	35	20	35	46	46	46	47	56	58	41	35	37	32	31	41	34	42.0
	MIN	19	12	19	25	36	32	34	23	25	32	46	26	25	18	20	11	1	13	27	20	29	42	44	40	34	31	31	22	23	27	28	26.3
KANKAKEE WTR POLL CTR	MAX	28	31	29	35	43	53	43	44	46	48	55	56	30	36	43		17	21	36	45	44	41				38	33	39	41	38	34	38.8
	MIN	19	18	17	20	24	31	31	23	27	23	34	23	20	17	19	16	0	0	14	23	24	26				28	28	23	26	24	28	21.6
PIPER CITY 3 SE	MAX	26	30	35	45	53	43	46	36	47	57	60	57	38	39	45	36	21	38	48	47	47	47	59	57	40	34	38	34	31	40	37	42.3
	MIN	20	10	17	24	35	31	34	21	24	31	42	23	23	16	21	10	-1	11	25	16	30	41	45	40	33	30	30	21	20	27	30	25.2
PONTIAC	MAX	27	31	36	46	55	45	43	36	49	57	57	55	36	38	46	40	19	38	50	46	48	47	59	56	42	33	39	34	37	38	36	42.5
	MIN	21	11	18	21	35	32	31	22	25	32	45	23	22	18	23	12	1	14	25	20	26	43	45	42	32	28	30	23	20	29	30	25.8
RANTOUL	MAX	30	28	30	34	47	54	43	47	50	47	53	62	30	40	40	36	23	26	37	49	48	48	51	58	49		35	38	35	34	39	41.4
	MIN	20	17	18	22	22	31	30		38	36	38	18	20	20	15	12	3	5	20	22	29	36	40	49	37	32	28	22	20	21	30	25.0
URBANA	MAX	29	33	35	47	56	44	47	39	48	60	62	35	39	40	45	36	33	39	51	50	49	47	58	56	36	35	38	39	36	40	34	43.1
	MIN	20	13	19	25	37	33	31	24	26	33	35	24	26	21	22	9	3	15	28	26	33	42	45	36	32	30	30	26	25	30	30	26.7
WATSEKA 2 NW	MAX	29	30	31	33	46	54	43	45	33	46	55	58	29	37	38	43	35	20	36	45	45	45	50	59	60	37	35	37	32	32	41	40.6
	MIN	23	10	13	21	22	32	31	23	23	27	32	26	22	18	17	25	1	1	15	20	24	39	35	50	31	30	31	22	21	21	27	23.6
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	34	31	35	47	54	61	50	51	35	52	64	66	29	39	40	48	26	23	43	55	52	56	53	59	40	34	44	37	40	40	38	44.4
	MIN	20	15	14	23	31	33	33	26	25	28	38	18	18	21	21	23	4	4	18	28	30	43	44	29	31	28	28	29	26	27	31	25.4
CARLINVILLE	MAX	31	34	42	54	64	50	53	42	53	63	65	59	38	42	49	40	22	42	56	54	55	51	51	51	39	47	37	38	35	42	44	46.5
	MIN	21	10	21	26	40	31	40	23	27	36	47	18	22	13	23	12	2	15	30	23	36	47	49	38	32	28	32	23	27	29	32	27.5
GRIGGSVILLE	MAX	30	33	43	55	57	48	49	34	52	65	65	31	35	41	49	36	22	43	56	52	58	54	58	44	37	42	32	31	29	41	42	44.0
	MIN	20	11	21	28	41	28	34	22	26	37	31	15	17	17	24	11	1	11	32	24	35	48	44	36	31	27	30	24	25	26	32	26.1
HILLSBORO	MAX	26	34	41	54	63	50	52	45	49	63	65	60	40	42	55	39	22	39	57	54	55	52	59	59	39	43	42	38	37	42	38	46.9
	MIN	21	18	21	30	43	39	44	25	28	38	47	20	24	19	22	22	4	10	30	31	36	48	49		34	29	30	26	32	29	30	29.3
JACKSONVILLE 2 E	MAX	33	28	33	40	53	58	49	49	33	54	64	63	25	35	39	47	24	21	42	53	52	56	56	61	40	34	42	38	34	35	40	42.9
	MIN	17	11	10	24	25	33	30	24	24	29	37	17	16	16	14	24	3	3	19	25	24	41	47	39	33	28	28	24	23	26	30	24.0

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	35	31	34	47	55	64	51	53	37	54	63	65	24	39	41	50	22	27	45	58	54	56	53	59	40	34	48	35	40	35	38	44.7
	MIN	21	10	17	25	30	28	34	23	25	30	41	16	17	11	18	19	2	6	25	24	30	45	47	33	31	27	28	24	26	27	31	24.9
MORRISONVILLE	MAX	34	30	34	39	52	61	48	52	45	50	61	65	27	39	41	47	26	22	53	55	52	54	55	60	47	35	45	38	38	38	45	44.8
	MIN	18	12	16	23	23	30	31	22	21	32	39	19	19	12	13	19	2	2	20	20	25	43	48	44	32	29	28	24	23	27	32	24.1
PANA	MAX	30	32	38	51	58	46	51	39	47	60	63	57	38	39	45	37	20	38	52	51	52	51	59	55	39	41	37	37	38	43	40	44.6
	MIN	21	15	21	27	39	33	37	25	27	34	47	20	26	18	21	13	5	14	28	27	34	48	49	39	33	29	32	26	27	31	31	28.3
SPRINGFIELD WSO AP	MAX	30	33	39	51	60	49	50	34	52	63	65	30	35	40	48	37	22	42	53	53	55	53	63	46	39	40	39	38	38	44	42	44.6
	MIN	18	12	23	24	40	32	29	25	28	36	30	18	23	15	24	9	3	17	28	26	35	48	45	39	34	30	29	26	28	32	30	27.0
VIRDEN 1 N	MAX	31	34	40	52	61	48	50	43	51	63	64	60	36	41	48	46	26	42	55	53	54	54	61	49	50	44	37	38	35	44	43	46.9
	MIN	20	11	20	25	42	31	39	23	31	33	42	17	22	13	26	13	2	17	26	22	20	49	49	43	32	27	31	25	26	32	32	27.1
WHITE HALL 1 E	MAX	32	33	45	53	61	50	51	46	55	65	66	47	35	40	47	43	26	42	55	54	56	55	61	49	39	45	40	36	33	41	44	46.6
	MIN	23	12	21	25	39	29	41	23	27	33	43	17	21	15	21	14	2	15	28	26	38	47	48	36	32	28	31	26	26	29	33	27.4
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	30	35	37	50	59	49	52	42	48	60	64	59	41	43	45	38	23	38	52	50	50	49	57	58	40	39	37	40	42	46	39	45.5
	MIN	20	14	19	25	37	34	33	26	27	33	46	25	27	15	18	16	4	14	28	25	37	44	46	38	33	31	31	23	26	37	30	27.8
EFFINGHAM 3 W	MAX	32	31	33	40	49	60	46	53	34	48	60	64	30	40	39	45	34	21	39	50	50	51	54	60	55	36	37	36	40	41	44	43.6
	MIN	20	15	15	19	23	35	35	27	26	27	35	26	24	16	15	20	5	5	16	26	27	43	47	52	35	30	30	23	23	27	32	25.8
FLORA 5 NW	MAX	33	34	42	54	62	55	57	43	50	62	65	62	42	40	45	37	22	41	54	52	52	50	58	59	40	40	36	41	40	46	40	46.9
	MIN	22	15	16	26	37	36	36	21	25	36	48	24	26	18	16	16	4	11	28	22	32	46	47	38	33	31	27	24	27	30	32	27.4
MATTOON	MAX	31	34	37	49	58	45	51	35	47	60	63	35	40	41	44	35	21	38	52	52	50	49	58	57	39	38	37	39	40	43	35	43.6
	MIN	19	15	20	25	35	33	29	25	26	32	35	23	25	16	19	8	4	13	27	24	24	24	39	35	31	30	29	24	25	32	31	25.1
MOWEAQUA	MAX	31	33	39	50	57	55	51	42	44	62	65	64	37	40	42	43	26	39	52	52	53	52	60	60	41	44	41	42	40	44	44	46.6
	MIN	23	12	20	23	38	33	36	25	25	31	46	22	26	14	20	15	3	13	23	24	29	45	46	41	33	30	25	27	27	32	31	27.0
NEWTON 6 SSE	MAX	33	33	36	38	49	59	47	54	35	47	59	64	32	43	41	43	34	23	37	52	52	51	53	60	49	37	36	37	39	41	44	43.8
	MIN	21	16	16	20	28	35	35	26	25	29	39	29	29	18	18	22	6	6	21	25	26	42	46	48	35	31	28	24	26	27	31	26.7
OLNEY 2 S	MAX	35	36	40	52	62	52	56	42	51	61	66	60	44	42	46	36	22	38	52	53	52	48	59	60	37	36	38	43	42	44	38	46.5
	MIN	26	17	16	25	37	35	36	26	24	34	46	30	29	19	17	17	7	13	27	23	35	44	46	37	35	32	27	24	27	34	33	28.3
PALESTINE	MAX	34	34	40	49	60	50	54	38	47	60	65	60	42	39	44	36	21	37	48	50	50	48	56	59	40	38	38	43	42	46	40	45.4
	MIN	21	16	17	29	39	35	37	28	28	31	47	30	30	19	18	18	7	14	27	22	33	43	47	38	33	32	32	24	27	33	32	28.6
PARIS WATERWORKS	MAX	31	34	37	50	58	44	52	39	46	59	63	60	41	40	43	36	22	37	50	51	48	47	56	59	46	36	38	39	38	42	37	44.5
	MIN	17	11	16	23	36	32	34	24	24	33	47	25	28	15	18	12	3	12	26	20	30	41	44	36	31	29	29	24	24	29	27	25.8
SALEM	MAX	32	35	42	52	61	55	55	45	51	60	65	60	40	42	49	37	20	44	53	56	52	51	58	55	40	43	35	42	41	41	40	46.8
	MIN	24	16	16	24	39	36	40	25	25	32	50	24	28	17	18	16	6	13	29	25	35	48	49	37	34	30	30	28	27	32	35	28.6
TUSCOLA	MAX	30	34	38	50	57	48	50	41	49	62	64	58	40	40	45	35	22	41	50	56	48	49	58	58	38	38	36	39	40	43	43	45.2
	MIN	19	14	17	20	35	30	30	25	25	28	40	24	28	15	18	15	4	18	25	28	32	42	45	38	32	31	32	25	26	31	29	26.5
VANDALIA 3 SW	MAX	35	32	36	42	51	60	42	54	36	52	62	65	29	41	42	47	32	20	41	55	54	53	57	55	48	39	40	37	41	41	40	44.5
	MIN		18		28	30			25				23		20	20		5			28	30			34		32	32	29	27		34	
WINDSOR	MAX	30	35	38	52	59	50	51	41	47	61	64	59	40	43	45	37	22	37	54	53	50	50	58	57	40	40	37	43	39	43	39	45.6
	MIN	22	14	20	26	36	37	32	25	26	33	44	22	29	16	23	14	4	13	27	22	34	43	47	37	33	31	32	27	27	32	32	27.7
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	40	36	42	55	60	56	61	55	51	58	68	62	32	37	45	38	25	39	53	55	52	52	56	60	39	43	37	43	43	38	43	47.5
	MIN	25	17	15	26	35	39	39	29	24	36	46	27	27	21	20	21	7	20	24	30	40	45	49	36	33	31	30	30	32	35	33	29.7
BELLEVILLE SO ILL UNIV	MAX	34	36	44	55	65	59	55	47	54	64	66	61	41	41	48	42	22	46	57	55	56	52	58	56	37	42	40	40	39	35	35	47.8
	MIN	26	25	20	24	39	33	34	22	25	33	44	22	24	15	12	16	6	14	26	21	34	46	49	34	30	27	27	27	27	31	32	27.3
CAHOKIA	MAX	36	36	36	49	58	70	54	56	39	58	65	69	27	40	38		27	25	49	58	58	60	62	55			47	37	45	47	44	48.0
	MIN	15	18	20	24	32	31	37	28	27	33	46	22	22	18	19		6	9	24	21	34	36	37	37	30	29	30	30	30	29	34	26.9
CAIRO WSO CI	MAX	43	38	42	51	61	52	63	45	52	61	66	61	34	37	45	41	26	40	52	58	54	54	61	61	40	40	39	46	48	41	41	48.2
	MIN	27	23	26	32	42	42	41	33	32	40	51	32	30	29	29	17	13	21	31	32	51	49	54	40	36	34	33	35	38	39	37	34.5
CARBONDALE SEWAGE PL	MAX	38	37	36	42	57	61	51	58	39	51	61	64	30	34	39	46	38	23	42	55	58	59	54	61	45	37	46	38	42	44	38	45.9
	MIN	20	12	13	17	22	35	34	20	23	24	38	28	25	16	13	15	6	7	18	21	22	46	46	43	35	30	28	29	29	29	30	25.0
CARLYLE RESERVOIR	MAX	35	33	35	43	55	60	50	55	36	52	62	64	29	40	39	48	31	21	42	56	56	55	57			61	44	36	42	40	39	45.4
	MIN	21	9	12	21	28	34	34	24	25	27	37	23	22	19	20	21	0	5	17	29	29	43	47			29	30	28	28	28	34	25.0
DU QUOIN 4 SE	MAX	37	34	41	53	61	57	57	36	52	60	65	35	38	40	45	37	23	40	53	55	54	55	59	59	39	42	37	43	41	39	45	46.2
	MIN	20	17	15	25	40	35	30	26	26	37	34	25	25	17	15	12	7	17	25	23	45	47	54	35	32	31	32	28	30	35	32	28.1
KASKASKIA R NAV LOCK	MAX	41	38	37	46	56	65	55	59	38	58	64	65	31	43	43	50	36	25	49	57	50	59	56	59	41	36	42	39	41	38	35	46.8
	MIN	22	12	18	22	29	36	35	24	20	20	43	29	25	17	16	19	-1	5	19	24	26	45	46	38	35	29	29	31	31	30	30	25.9
MARION 4 NNE	MAX	39	39	35	45	52	62	51	59	40	52	60	64	31	33	38	46	38	22	40	53	57	53	56	61	45	37	47	38	42	43	39	45.7
	MIN	22	15	15	18	24	36	36	24	25	25	41	30	28	18	11	12	8	8	19	26	27	48	48	44	34	30	32	30	30	31	34	26.7
NASHVILLE 4 NE	MAX	33	33	40	51	57	51	55	47	49	60	63	59	39	39	46	39	21	41	51	53	53	51	59	55	39	41	38	42	39	38	41	45.9
	MIN	25	15	20	29	39	36	35	25	26	35	48	24	25	20	22	18	6	15	27	28	39	47	49	36	33	30	32	28	28	34	34	29.3
SPARTA	MAX	36	35	43	56	60	54	56	46	54	62	64	60	40	43	49	39	23	44	52	55	54	53	60	56	38	45	37	44	40	38	44	47.7
	MIN	23	15	21	30	35	36	40	26	27	37	48	23	25	17	19	18	6	17	28	29	39	47	50	34	32	29	32	29	29	34	33	29.3
WATERLOO	MAX	39	34	34	47	57	67	52	55	37	57	63	67	27	42	41	51	26	25	49	56	53	56	56	61	39	34	47	39	42	39	35	46.0
	MIN	23	11	20	28	38	35	39	23	26	32	44	22	22	17	21	23	3	5	20	28	33	48	47	37	32	28	29	30	28	29	32	27.5
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	32	32	42	52	62	58	52	49	47	62	66	65	42	40	45	40	23	39	44	52	51	53	57	60	40	38	38	44	42	40	43	46.8
	MIN	26	18	20	29	38	32	39	26	27	38	49	28	29	21	22	22	7	15	18	29	34	40	46	37	35	32	30	28	27	24	30	28.9
BROOKPORT DAM 52	MAX	43	36	42	53	60	57	58	54	50	58	65	63	36	40	47	43	27	40	51	56	54	53	57	61	46	45	39	47	49	45	42	48.9
	MIN	28	15	16	30	38	40	41	27	24	26	48	30	29	24	19	21	9	19	29	25	31	45	47	37	35	31	27	30	34	36	32	29.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
DIXON SPRINGS AGR C	MAX	39	36	41	53	61	59	59	57	49	59	64	64	33	36	45	43	25	39	50	56	54	54	56	61	38	44	40	45	46	44	45	48.2
	MIN	25	17	14	25	38	39	39	26	23	36	52	30	30	22	16	22	8	15	27	28	43	46	48	38	34	30	28	30	32	34	34	30.0
FAIRFIELD RADIO WFIW	MAX	34	35	41	51	62	55	56	48	49	61	64	62	41	40	45	38	21	38	49	53	52	50	58	56	37	40	37	43	41	42	39	46.4
	MIN	26	14	15	29	35	35	32	26	24	36	46	28	29	18	16	14	6	15	30	30	35	44	48	37	35	32	29	25	28	33	34	28.5
HARRISBURG	MAX	39	35	44	57	62	57	60	52	53	61	66	64	36	39	47	40	24	42	54	54	55	54	59	62	40	47	39	43	41	40	45	48.7
	MIN	27	18	17	29	40	39	41	28	25	41	49	30	29	23	19	22	9	15	32	26	32	48	49	36	35	32	31	30	32	35	35	30.8
MC LEANSBORO 2 ENE	MAX	36	36	36	42	54	62	50	58	38	52	62	60	32	40	39	44	38	23	40	52	55	54	55	60	49	35	44	36	33	40	39	45.0
	MIN	22	17	16	21	28	36	37	26	26	27	41	30	30	21	20	21	8	8	18	29	31	42	47	49	35	31	31	28	29	29	32	27.9
MT CARMEL	MAX	35	37	34	40	49	60	48	57	37	48	60	64	34	44	39	43	39	23	37	49	52	52	53	60	59	39	36	37	44	39	44	44.9
	MIN	24	18	18	20	25	35	35	26	26	30	38	32	30	24	22	22	8	7	20	27	28	40	45	51	36	33	30	28	27	28	34	28.0
MT VERNON 3 NE	MAX	36	36	42	53	61	58	56	50	52	60	65		40	42	46	33	22	42	53	54	54	59	59		41	44	48	41	40	45	45	47.5
	MIN	16	14	24	32	36	39		24	23	43		25	25	16	14	15	5	8	19	24	32	48	49	38	32	29	26	26	25	32	30	26.5
RENO LAKE DAM	MAX	33	37	35	44	55	62	50	58	38	53	62	66	30	39	46	40	36	23	43	52	56	54	57	60	44	37	45	37	43	41	39	45.6
	MIN	22	17	17	19	29		31	26	26	27	44	29	26	24	21	19	6	8	19	19	19	42	47	43	35	30	31	30	30	30	35	26.7
ROSICLARE	MAX	41	35	43	53	62	54	59	55	51	60	65	64	35	38	46	41	26	40	51	55	55	53	57	61	40	44	38	46	45	41	46	48.4
	MIN	27	18	15	28	33	34	37	27	23	34	47	31	27	22	17	18	9	14	28	25	32	47	52	38	36	32	29	30	33	37	35	29.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	37	37	37	35	35	38	39	40	39	37	40	43	44	44	44	40	35	34	34	32	32	35	41	47	47	47	40	40	38	39	40	39.0
		MIN	35	35	35	33	33	35	37	38	37	35	35	39	38	36	35	34	33	32	29	31	32	32	35	38	39	39	39	38	36	36	36	35.3
	8	MAX	42	41	41	40	38	40	40	41	41	41	41	44	44	44	44	41	39	39	39	36	35	38	41	45	45	45	43	42	41	40	40	41.0
		MIN	41	40	39	38	38	38	40	40	40	40	41	40	40	42	40	39	38	37	36	35	35	35	37	39	41	43	42	41	40	40	40	39.2

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 3 W	SNOWFALL	2.3																														
	SN ON GND	2	1																													
FREEPORT WASTE WTR PLT	SNOWFALL	1.0															1.0															
	SN ON GND	1															1															
GALENA 1 N	SNOWFALL	1.0						T	T				T				.5															
	SN ON GND	1	1	T	T												1	T	T													
GALVA	SNOWFALL	T	T										T					T														
	SN ON GND	1	1	1	1	T												T	T													
MOLINE WSO AP	SNOWFALL	.5							T			T					.3															
	SN ON GND	1	T	T									T	T				T														
	WTR EQUIV																															
MORRISON	SNOWFALL	3.0											T					T														
	SN ON GND	3																														
PAW PAW	SNOWFALL	1.0							T								T	T								T						
	SN ON GND	4	4	4	2	1	T		T								T	T								T						
ROCKFORD WSO AP	SNOWFALL	.4					T	T	T								.3								.2		T		T			
	SN ON GND	1	1	T	T				T								T	T	T	T									T			
	WTR EQUIV																															
WALNUT	SNOWFALL	2.5															.6															
	SN ON GND	2	1	T																												
* * * NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL	.3															T	.9								1.0						
	SN ON GND	T	T	T													T	T	T	T	T	T				T						
AURORA	SNOWFALL	1.8							T								T															
	SN ON GND	2	2	1																												
CHICAGO O'HARE WSO AP	SNOWFALL	.5						T	T								.4								T	T						
	SN ON GND	2	1	T	T												T	T	T	T	T	T										
	WTR EQUIV	.1																														
CHGO MIDWAY WSCMO AP	SNOWFALL	2.7						T	T								.9									T						
	SN ON GND	2	3	2	1	T			T									T	T	T	T	T										
	WTR EQUIV	.1	.1																													
DE KALB	SNOWFALL	1.6						T	.2								.5									T						
	SN ON GND	2	2	1	T												T	T	T													
MORRIS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	SNOWFALL	.5															T															
	SN ON GND	1	T																													
PARK FOREST	SNOWFALL	3.0	T						T																							
	SN ON GND	3	2						T																							
* * * WEST 03																																
LA HARPE	SNOWFALL																T															
	SN ON GND																T															
MONMOUTH	SNOWFALL												-				T															
	SN ON GND																															
QUINCY FAA AP	SNOWFALL	T										T													T							
	SN ON GND	T	T																													
* * * CENTRAL 04																																
DECATUR	SNOWFALL		T															T														
	SN ON GND																															
FARMER CITY	SNOWFALL		T															T														
	SN ON GND		T	T	T													T														
NORMAL	SNOWFALL	.3															T															
	SN ON GND	T	T	T																												
PEORIA WSO AP	SNOWFALL	T						T					T				.1															
	SN ON GND		T	T									T					T	T													
	WTR EQUIV																															
* * * EAST 05																																
DANVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOOPESTON 1 NE	SNOWFALL	T	T										T					.1														
	SN ON GND	T	T	T														T	T													
KANKAKEE WTR POLL CTR	SNOWFALL	2.0															T															
	SN ON GND	2	1	1	1												T	T	T													
PIPER CITY 3 SE	SNOWFALL	.2	T															T														
	SN ON GND	T	T	T														T	T													
PONTIAC	SNOWFALL	T	T															.3			T											
	SN ON GND	T	T	T														T	T													
URBANA	SNOWFALL	.1																														
	SN ON GND	T	T																													
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL	T																														
	SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GRIGGSVILLE	SNOWFALL												T																T	T		
	SN ON GND												T	T															T	T		
JACKSONVILLE 2 E	SNOWFALL	T																														
	SN ON GND																															
PANA	SNOWFALL		T															T														
	SN ON GND	T	T																													
SPRINGFIELD WSO AP	SNOWFALL	.1															T															
	SN ON GND	T	T	T																												
	WTR EQUIV																															
* * * EAST SOUTHEAST 07																																
OLNEY 2 S	SNOWFALL	T																														
	SN ON GND																															
PARIS WATERWORKS	SNOWFALL	.3																														
	SN ON GND	T																														
TUSCOLA	SNOWFALL																T															
	SN ON GND																															
WINDSOR	SNOWFALL	T																														
	SN ON GND	T																														
* * * SOUTHWEST 08																																
CARBONDALE SEWAGE PL	SNOWFALL													T												T						T
	SN ON GND													T																		
SPARTA	SNOWFALL																								T							
	SN ON GND																															
* * * SOUTHEAST 09																																
MC LEANSBORO 2 ENE	SNOWFALL													.3																		
	SN ON GND													T																		
MT VERNON 3 NE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY WSCMO AP R	1577	02	COOK		41 47	87 45	627	MID	MID		C HJ	WEA SVC CONTR MET OBSY
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	6P	7A			HAROLD HYDE
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			PAUL R BARRY WATER SUPT
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature														Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
MAY 1979																							
JERSEYVILLE 2 SW	73.7M	49.9M	61.8M		89	9	33	5	159	0	0	0	0	1.73		.91	26	.0	0		4	1	0
WHEATON 3 SE	74.8	45.7	60.3		88	10+	28	1	203	0	0	2	0	2.63	- .96	1.25	3	.0	0		5	2	1
* * *																							
JUNE 1979																							
JERSEYVILLE 2 SW	84.5	60.8	72.7		93	22+	47	11	11	5	0	0	0	2.64		1.46	29	.0	0		4	2	1
* * *																							
JULY 1979																							
VANDALIA 3 SW	86.4	65.0	75.7		95	15	53	6	0	8	0	0	0	6.93		2.02	28	.0	0		8	5	3

LATE REPORTS
DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																
MAY 1979																																
JERSEYVILLE 2 SW	1.73	.03	T	.47	T							.16	.06		T											T	.91				.10	
WHEATON 3 SE	2.63		.05	1.25								.56	.07		.21	.11					.38											
• • •																																
JUNE 1979																																
JERSEYVILLE 2 SW	2.64								.01	.24	.04			T							.50				.39					1.46		
• • •																																
JULY 1979																																
VANDALIA 3 SW	6.93	.01		.25	.10									.08	.07										.03	.02	1.43	1.32	2.02	.92	.10	.58

LATE REPORTS

DAILY TEMPERATURES

ILLINOIS

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *	MAX																																
	MIN																																
MAY 1979	MAX																																
	MIN																																
JERSEYVILLE 2 SW	MAX	54	69	72	57	57	67	76	84	89	85	85	59	62	73	78	72	74	81	84	76	78	71	76	73	68	70	72	79	83	85		73.7
	MIN	43	48	57	48	33	47	56	66	64	62	52	44	40	44	42	40	54	57	60	59	51	45	50	48	38	39	42	49	59	61		49.9
WHEATON 3 SE	MAX	60	75	72	59	65	75	82	88	88	88	86	59	70	65	68	73	80	85	84	79	78	76	76	63	65	71	70	74	85	78	81	74.8
	MIN	26	40	42	38	32	50	55	62	67	65	53	44	38	49	40	35	54	60	60	44	40	35	42	42	42	33	38	42	42	54	52	45.7
* * *	MAX																																
	MIN																																
JUNE 1979	MAX																																
	MIN																																
JERSEYVILLE 2 SW	MAX	63	78	73	83	83	88	86	86	89	89	73	92	85	85	88	87	86	90	90	93	92	93	86	76	76	77	84	86	79	84		84.5
	MIN	57	53	50	59	58	61	71	71	71	59	47	53	63	62	67	62	65	69	67	68	65	66	67	53	49	51	57	65	61	58		60.8
* * *	MAX																																
	MIN																																
JULY 1979	MAX																																
	MIN																																
VANDALIA 3 SW	MAX	85	88	88	86	81	79	79	80	80	83	89	88	82	93	95	94	91	86	86	88	88	90	92	92	87	82	87	79	80	89	92	86.4
	MIN	56	60	68	75	57	53	55	58	60	70	65	68	64	67	73	66	58	59	57	59	60	59	61	75	75	75	73	71	72	75	71	65.0

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
July 1979	Daily Precipitation	Northwest 01	Rockford 6 ENE	Total, *. Amount on 21st-31st, *.
August 1979	Daily Precipitation	Northwest 01	Rockford 6 ENE	Total, V10.87.
August 1979	Monthly Summarized Station and Divisional Data	Northeast 02	Chicago Midway WSCMO	Total Snowfall, .0.

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

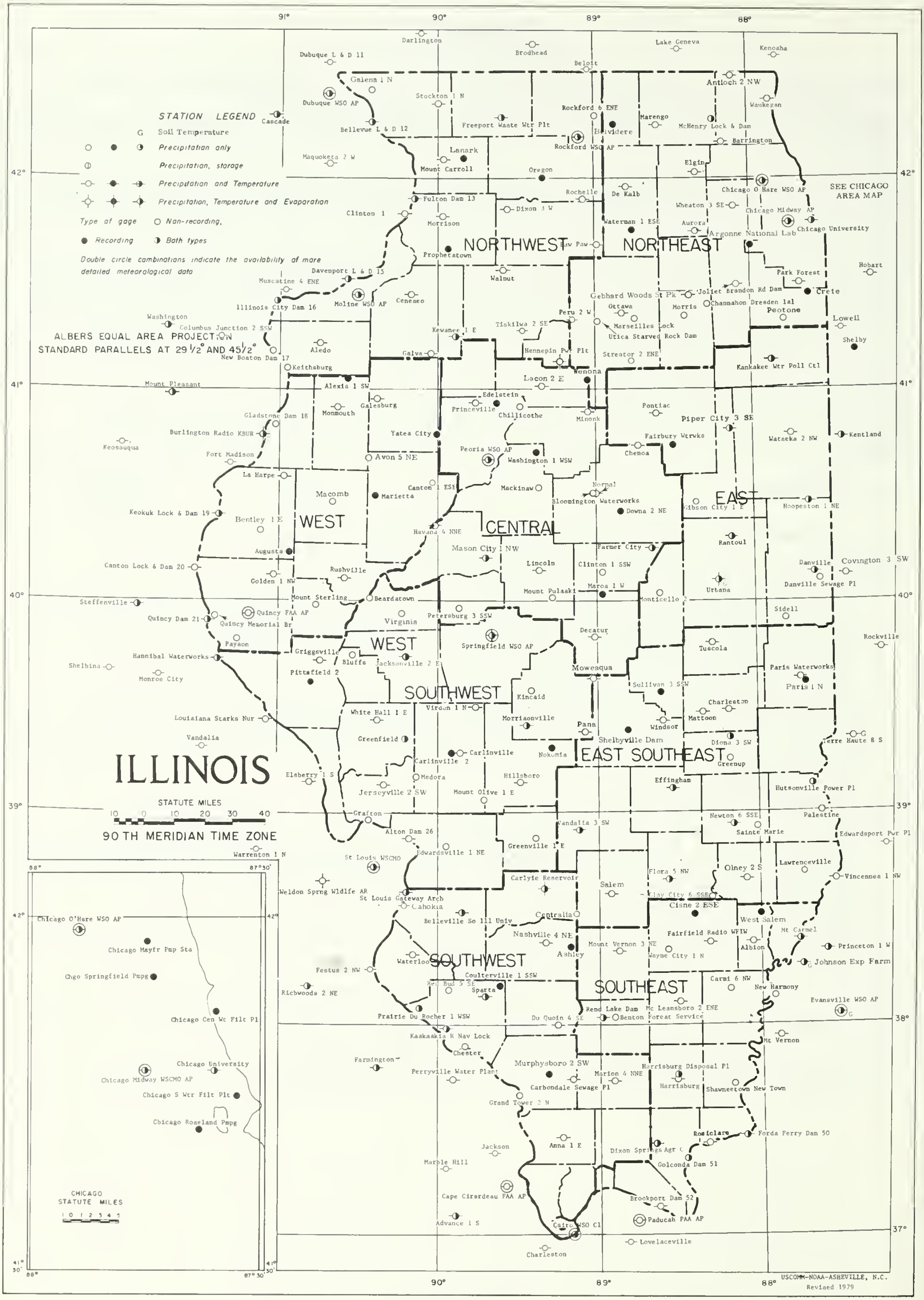
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM 210

U.S. MAIL

THIRD CLASS

BULK RATE

214/12: 84/13

VOLUME 84 NUMBER 13

CLIMATOLOGICAL DATA

ANNUAL SUMMARY

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

CLEMSON UNIVERSITY LIBRARY
OCT 1 1980
SCI., TECH & AGR. DIV.

ILLINOIS

1979

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ILLINOIS
1979

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * *																										
NORTHWEST 01																										
ALEDO	10.4M	-12.5	16.0	-11.1	38.1	1.1	48.1	- 3.5	62.7	.6	72.2	.9	73.7	- 1.2	73.6	.3	66.2	1.[illegible]	54.2	- 1.0	38.8	- .9	32.0	4.5	48.8M	- 1.9
DIXON 3 W	6.8	-15.2	12.5	-13.4	34.0	- 2.1	45.8	- 4.7	60.4	- .6	69.0	- 1.6	70.6	- 3.6	68.7	- 4.1	61.7	- 3.1	50.2	- 4.1	37.7M	- 1.5	29.5	3.0	45.6M	- 4.2
FREEPORT WASTE WTR PLT	6.8		11.4		32.0		44.6		58.8		68.3		71.4		69.7		63.4		50.2		37.7		29.2		45.3	
FULTON DAM 13	6.8	-15.0	11.4	-14.2	33.1	- 2.[illegible]	45.4	- 4.7	59.9	- 1.4	69.7	- .9	72.9	- 1.6	71.2	- 1.7	64.9	.1	52.6	- 2.1	39.4	- 1.2	30.8	4.0	46.4	- 3.4
GALVA	7.4	-15.7	12.0	-15.1	34.8	- 2.1	46.2	- 5.2	60.3	- 1.4	69.7	- 1.3	72.9	- 1.5	72.1	- .8	66.1	1.0	52.6	- 2.5	38.3	- 1.5	30.3	2.8	46.9	- 3.6
GENESEO	8.6		13.8		35.9		46.8		62.3		71.7		73.6		73.4		66.2		53.4		38.5		32.0		48.0	
HENNEPIN POWER PLANT	7.8M		13.3		35.9		47.1		M		70.4M		72.8M		71.7M		64.8M		53.8M		39.0M		31.4		-	
KEWANEE 1 E	8.2M	-14.9	12.2	-14.8	34.7	- 2.2	45.5	- 5.9	58.9	- 2.9	69.6	- 1.6	71.1	- 3.7	71.7	- 1.4	64.0	- 1.1	51.8	- 3.0	38.1	- 1.4	29.6	2.2	46.3M	- 4.2
MOLINE WSO AP	6.3	-15.2	13.2	-12.5	36.3	.6	47.4	- 3.2	61.9	.8	71.2	.4	73.5	- 1.0	72.0	- .9	64.3	- .[illegible]	52.1	- 2.3	37.0	- 2.2	31.7	5.1	47.2	- 2.6
MORRISON	6.1	-15.8	13.6	-12.8	35.1	- 1.1	46.2	- 4.6	-		67.4M	- 3.1	M		69.4	- 3.3	63.2	- 1.4	51.3	- 3.2	37.7	- 1.7	29.7M	3.0	-	
MOUNT CARROLL	3.9	-17.0	9.9	-15.1	32.5	- 2.5	44.0	- 5.6	57.9	- 2.2	67.8	- 1.5	70.1	- 2.7	69.2M	- 2.2	61.5	- 1.8	48.9	- 4.3	36.2	- 1.9	27.8	2.3	44.1M	- 4.6
PAW PAW	6.5		10.6		30.9		43.7		58.0		67.9		70.7		69.2		62.8		50.0M		36.5		28.7		44.6M	
ROCHELLE	4.3M		10.2		31.2		43.3		56.8		67.2M		70.3M		67.5M		M		M		35.6M		28.5		-	
ROCKFORD WSO AP	7.7	-12.5	12.9	-11.1	31.7	- 2.4	42.9	- 5.3	58.7	- .1	68.4	- .4	71.5	- 1.3	70.0	- 1.5	63.0	- .[illegible]	50.8	- 1.9	35.9	- 1.7	29.0	4.1	45.2	- 2.9
STOCKTON 1 N	4.5M		10.0M		31.9M		43.6M		57.4		67.1		69.4		68.2M		61.7		49.0		35.9		27.6M		43.9M	
TISKILWA 2 SE	10.1		15.3		37.2		46.4M		61.3		71.5		71.8		72.2M		65.5		54.2		39.2M		33.1		48.2M	
WALNUT	8.9	-13.8	14.5	-12.2	36.0	- .5	46.8	- 4.1	61.9	.1	71.0	- .5	72.7	- 2.4	72.8	- .6	65.8	.4	53.9	- 1.1	39.6	.0	32.0	5.0	48.0	- 2.5
DIVISION	7.1	-14.6	12.5	-13.2	34.2	- 1.5	45.5	- 4.7	59.8	- 1.0	69.4	- .9	71.8	- 2.2	70.7	- 1.7	64.1	- .2	51.8	- 2.3	37.7	- 1.2	30.2	3.9	46.2	- 3.3
* * *																										
NORTHEAST 02																										
ANTIOCH 2 NW	7.0	-14.5	12.6	-12.1	32.1	- 2.1	42.4	- 5.3	56.5	- 1.2	66.2	- 1.5	69.7	- 2.5	67.7M	- 3.4	63.2	- .1	49.6	- 3.6	37.1	- 1.2	29.3M	3.5	44.5M	- 3.6
AURORA	9.9M	-12.3	14.0	-11.6	35.0	- .5	45.4	- 3.7	59.7	.6	69.0	- .1	71.6	- 1.3	70.3	- 1.3	M		M		M		M		-	
BARRINGTON	7.4		13.1		33.4		44.0		58.3		68.0		70.7		69.0		64.0		50.2M		37.9		29.8		45.5M	
CHICAGO O'HARE WSO AP	12.5	-10.4	16.2	- 9.9	36.4	.7	45.5	- 3.3	59.3	.9	69.2	1.1	72.0	.1	71.0	- .1	66.1	2.4	53.3	- .5	40.6	1.4	33.7	6.6	48.0	- .9
CHICAGO UNIVERSITY	15.3	-10.1	19.8	- 8.4	38.5M	1.8	46.7	- 2.2	60.8	2.2	69.9	1.0	73.1	- .6	72.5	- .6	68.2	2.3	55.1	- .9	42.5	1.3	35.3	5.8	49.8M	- .7
CHGO MIDWAY WSCMO AP	12.4	-11.9	16.7	-10.7	35.4	- 1.4	44.6	- 5.3	59.6	- .4	69.4	- 1.1	72.9	- 1.8	71.7	- 2.[illegible]	65.8	- .1	53.8	- 1.6	40.5	.1	34.1	5.6	48.1	- 2.5
DE KALB	9.8	-11.1	15.0	- 9.6	35.2	.7	45.8	- 2.8	60.8	1.3	70.9	1.4	72.5	- .6	71.0	- .[illegible]	65.8	2.2	53.1	- .1	39.3	1.3	31.7	6.4	47.6	- .9
ELGIN	6.8M		12.2		32.6		43.8		57.2		67.1		70.5M		68.2		62.4		49.2M		36.6M		29.1M		44.6M	
GEBHARD WOODS ST PARK	9.6M		13.1		35.0		47.2M		61.0M		71.4		71.9M		71.3		65.2M		51.0M		38.5M		30.2M		47.1M	
JOLIET BRANDON RD DAM	9.9	-14.0	13.5	-13.8	35.2	- 2.0	46.0M	- 4.5	59.2	- 1.4	70.3	- .3	72.4	- 1.8	71.2	- 1.[illegible]	64.6	- .8	52.1M	- 2.9	39.3	- 1.1	31.6	3.6	47.1M	- 3.4
MARENGO	10.2M	-10.3	14.6	- 9.5	34.6	.6	44.7	- 3.4	60.1	1.3	69.5	.9	72.1	- .6	70.1	- 1.1	64.8	1.5	51.4	- 1.5	38.6	.9	-		-	
OTTAWA	12.5M	-12.2	17.3M	-11.1	39.3M	1.2	49.2M	- 2.7	63.6M	1.5	73.8	1.9	73.8M	- 1.7	73.9M	- .1	67.0M	.7	56.0M	.0	41.8M	.7	34.4M	5.5	50.2M	- 1.4
PARK FOREST	10.0		14.7M		34.7M		43.9		57.4		68.9		71.4		69.7M		65.7		51.6		38.5		31.3		46.5M	
PERU 2 W	11.4M	-12.7	13.5	-14.3	37.6	.2	48.2	- 3.2	61.7	- .2	72.2M	.3	73.2M	- 2.2	73.1	- .[illegible]	66.1M	.2	55.0	- .3	41.9	1.5	34.2	5.9	49.0M	- 2.1
WAUKEGAN	8.8	-13.7	13.3	-12.3	32.6	- 1.9	41.1	- 5.9	55.0M	- 1.9	65.2	- 1.9	68.6	- 3.3	67.8	- 3.5	62.9	- .8	49.7	- 4.1	37.9	- 1.4	29.9	2.9	44.4M	- 4.0
WHEATON 3 SE	10.7M		16.9M		37.4M		45.9		60.3		70.8M		72.0		71.1		65.6M		52.7		39.9		32.2		48.0M	
DIVISION	10.3	-13.[illegible]	14.8	-11.8	35.3	- .8	45.3	- 4.1	59.4	- .3	69.5	- .2	71.8	- 1.9	70.6	- 1.[illegible]	65.2	.3	52.3	- 2.3	39.4	- .3	31.9	4.4	47.2	- 2.6
* * *																										
WEST 03																										
GALESBURG	8.5		14.4		36.4		46.9		61.2		71.0		73.1		72.4		65.7		53.0M		38.4		32.5		47.8M	
GOLDEN 1 NW	11.2M		18.6		41.4		49.9		64.0		73.7		75.6		74.2		67.5		57.1		42.0		34.4M		50.8M	
LA HARPE	10.8	-13.9	16.5	-12.4	40.2	1.7	49.5	- 3.1	63.1	.3	72.2	.1	75.0	- .6	74.0	.0	66.7	.4	55.7M	- .6	39.9	- 1.2	33.6	4.4	49.8M	- 2.0
MONMOUTH	11.1	-12.7	16.8	-11.1	38.8	1.2	48.5	- 3.3	62.7	.6	71.1	- .1	73.0	- 1.8	73.1	- .3	65.8	.3	54.9	- .6	39.8	- .4	33.3	4.8	49.1	- 1.9
QUINCY FAA AP	11.7		17.8		40.9		50.5		64.0		73.9		75.7		74.8		67.6		56.5		41.6		35.0		50.8	
QUINCY DAM 21	11.7		16.6		40.7		50.5		62.2		72.1		75.2		73.3		65.8		54.5M		40.2		33.2		49.7M	
RUSHVILLE	11.9	-14.[illegible]	18.3M	-12.2	40.7M	1.1	50.9M	- 2.5	64.2	.9	73.8	1.2	75.4	- .[illegible]	74.6	.[illegible]	67.4	.4	55.7	- .9	41.1	- .8	34.8	4.6	50.7M	- 2.0
DIVISION	11.0	-14.[illegible]	17.0	-12.6	39.9	1.0	49.5	- 3.4	63.1	.1	72.5	.2	74.7	- 1.[illegible]	73.8	- .7	66.6	.0	55.3	- 1.2	40.4	- 1.0	33.8	4.2	49.8	- 2.4
* * *																										
CENTRAL 04																										
CHENOA	11.1		15.9M		37.9M		47.9		61.6		71.8		71.7		72.0		65.6		53.8		39.7		33.6		48.6M	
DECATUR	14.5	-13.5	18.7	-13.0	42.1	1.5	50.8	- 3.1	63.1	- .8	73.5M	.4	74.4	- 2.1	73.6	- 1.4	67.0	- 1.1	55.2	- 2.2	41.6	- 1.1	36.1	4.7	50.9M	- 2.6
FARMER CITY	12.7		16.5		39.7		49.8M		62.0		72.7		72.4M		72.5M		66.5		54.5M		40.9		35.2		49.6M	
HAVANA 4 NNE	10.7		14.5		38.4		48.6		61.5		73.5		74.9		73.8		66.1		54.4		40.1		34.3		49.2	
LACON 2 E	11.3		16.7		38.6		48.2		62.7		72.7		72.8		74.0		66.9		54.5		40.7		34.2		49.4	
LINCOLN	14.2	-12.4	18.1	-12.4	40.6	.9	50.5	- 2.8	63.3	- .3	73.9	1.1	74.4	- 1.[illegible]	73.8	- .7	66.7	- .4	55.9	- .3	41.9	- .4	35.7	5.4	50.7	- 2.0
MASON CITY 1 NW	12.5		17.0M		40.2		49.9		62.9		72.8		73.8		73.5		66.2		55.0		40.7		34.8		49.9M	
MINONK	10.0	-13.9	16.0	-11.7	35.5	- 2.0	46.6	- 4.7	60.7	- .8	73.0	2.0	73.9	- .4	72.6M	- .1	68.6M	3.2	53.9	- 1.1	38.9	- .9	33.4	5.5	48.6M	- 2.1
NORMAL	13.1	-13.1	17.2	-12.8	40.3	1.2	49.5	- 3.4	63.1	.0	73.9	1.4	73.6	- 2.1	74.2	.0	67.8	.6	55.7	- 1.2	41.4	- .4	35.5	5.6	50.4	- 2.1
PEORIA WSO AP	9.4	-14.4	14.7	-13.0	37.9	.6	47.7	- 3.6	60.5	- 1.0	71.2	- .1	73.0	- 2.1	72.5	- 1.0	65.6	.1	52.6	- 2.4	38.0	- 1.9	31.8	3.8	47.9	- 2.9
PRINCEVILLE	7.2M		12.6M		35.8M		45.8		60.4		69.9		70.8		70.6M		64.2		54.8		40.1		33.1		47.1M	
DIVISION	11.5	-14.2	16.2	-13.3	38.8	- .1	48.7	- 3.9	62.0	- .8	72.6	.4	73.2	- 2.3	73.0	- 1.0	66.5	- .1	54.6	- 1.5	40.3	- 1.0	34.3	4.8	49.3	- 2.8
* * *																										
EAST 05																										
DANVILLE	16.0	-11.6	18.4	-12.5	42.5M	2.6	50.5	- 2.4	61.6	- .9	72.6	.7	73.0	- 2.1	73.1M	- .2	66.7	.2	55.6	- .3	41.8	- .2	35.6	4.6	50.6M	- 1.9
HOOPESTON 1 NE	14.1	-12.1	16.4	-13.1	40.2	1.5	48.5	- 3.4	61.7	- .4	72.0	.3	71.9	- 2.9	72.1	- .9	65.3	- 1.0	53.9	- 1.7	40.6	- .6	34.2	4.7	49.2	- 2.5
KANKAKEE WTR POLL CTR	9.3		12.6		35.1		45.6		60.6		71.3		71.6		71.8		64.6		53.3		39.3M		30.2M		47.1M	
PIPER CITY 3 SE	12.3	-12.9	14.7	-13.8	38.7	.8	48.1	- 3.1	62.6M	1.2	73.3	2.2	72.1	- 2.2	72.1	- .5	65.3	- .6	54.4	- 1.0	40.2	- .4	33.8	5.1	49.0M	- 2.1
PONTIAC	12.3	-13.1	15.3	-13.6	38.6	.2	48.4	- 3.7	62.8	.5	73.5	1.8	72.6	- 2.4	72.4	- .8	66.7	.5	54.8	- 1.2	40.8M	- .4	34.2	5.0	49.4M	- 2.2
RANTOUL	-		15.6M		36.9M		48.8		60.7M		72.4		72.1		72.3		64.9M		54.1M		39.7		33.2M		-	
URBANA	13.3	-13.6	17.0	-13.3	39.0	- .3	49.3	- 3.1	61.4	- 1.2	72.7	.7	72.5	- 2.8	72.4	- 1.1	66.5	- .3	54.5	- 1.8	40.8	- .8	34.9	4.6	49.5	- 2.8
WATSEKA 2 NW	10.9		12.4		36.8		46.0		58.2		70.0		70.5		70.0		63.2		51.4		38.9		32.1		46.7	
DIVISION	12.6	-13.4	15.3	-13.9	38.5	- .1	48.2	- 3.6	61.2	- .8	72.2	.6	72.0	- 2.8	72.0	- 1.0	65.4	- .7	54.0	- 1.6	40.3	- .8	33.5	4.1	48.8	- 2.8
* * *																										
WEST SOUTHWEST 06																										
ALTON DAM 26	15.6		20.0		41.2		51.5		63.5		75.3		77.5		76.3		68.6		56.3		43.3		34.9		52.0	
CARLINVILLE	15.7	-13.5	21.2	-11.7	43.5	1.8	52.0	- 2.8	63.4	- .7	73.9	.6	75.4	- 1.4	75.0	- .[illegible]	67.4	- .6	56.9	- .7	42.4	- .9	37.0	4.4	52.0	- 2.1
GRIGGSVILLE	13.7	-13.7	18.5	-13.3	41.2M	.6	50.7	- 3.7	64.0	- .4	73.0	- .3	75.3M	- 1.7	74.4	- 1.[illegible]	67.3	- .7	56.8	- 1.0	42.2	- .9	35.1	3.6	51.0M	- 2.7
HILLSBORO	17.2M	-12.8	21.5	-12.3	44.5	2.2	53.3	- 1.8	64.1	- .2	74.5	1.1	75.2	- 1.5	73.7	- 1.5	M		56.3	- 1.4	42.1	- 1.8	38.1M	4.8	-	
JACKSONVILLE 2 E	12.3	-15.7	15.2	-16.9	38.8	- 2.2	48.6	- 5.9	60.3	- 3.8	71.8	- 1.4	73.2	- 3.0	72.3	- 2.4	64.7	- 2.8	54.2M	- 3.0	39.8	- 3.3	33.5	1.9	48.7M	- 4.9
JERSEYVILLE 2 SW	13.5		18.2		42.5M		50.6		61.8M		72.7		75.0M		73.9		64.9		54.7		40.9		34.8		50.3M	
MORRISONVILLE	-		-		-		-		-		-		-		-		-		-		41.4M		34.5		-	
PANA	15.3	-13.6	19.7	-12.8	42.5	1.1	51.7	- 2.8	62.7	- 1.5	72.1	- 1.3	74.1	- 2.5	73.4	- 1.5	66.5	- 1.2	55.8	- 1.4	42.4	- .5	36.5	4.4	51.1	- 2.8
SPRINGFIELD WSO AP	12.4	-14.3	17.1	-13.3	40.3	.9	50.4	- 2.7	64.0	.6	74.9	2.0	75.4	- .7	74.0	- .4	67.7	.5	55.7	- .9	42.0	.1	35.8	5.3	50.8	- 1.9
VIRDEN 1 N	14.1		18.3		42.3M		51.1		63.9		73.7		74.1M		74.2		66.8		56.4		42.6		37.0		51.2M	
WHITE HALL 1 E	15.2	-13.7	20.0	-13.1	43.4	1.7	51.8	- 3.3	63.4M	- 1.0	73.2	- .1	76.0	- .7	74.5M	- .7	67.4	- .6	56.1M	- 1.8	42.7	- 1.1	37.0	4.3	51.7M	- 2.5
DIVISION	14.5	-14.3	19.0	-13.7	42.0	.6	51.2	- 3.5	63.1	- 1.2	73.5	- .1	75.1	- 1.7	74.2	- 1.0	66.8	- 1.2	55.9	- 1.7	42.0	- 1.3	35.8	3.5	51.1	- 3.0
* * *																										
EAST SOUTHEAST 07																										
CHARLESTON	16.2	-12.7	20.2	-12.2	43.1	2.1	51.6	- 2.7	62.3M	- 1.7	72.8	- .3	73.8	- 2.6	73.7	- 1.4	67.9	.5	56.4M	- 1.1	42.3	- .8	36.7	4.8	51.4M	- 2.4
EFFINGHAM 3 W	14.3	-15.1	17.3	-15.6	40.5M	- 1.0	49.9	- 4.4	59.9	- 4.0	71.5	- 1.7	73.2	- 3.3	72.2	- 2.7	64.1	- 3.6	54.0	- 3.2	40.4	- 2.7	34.7	2.1	49.3M	- 4.6
FLORA 5 NW	17.3	-14.2	21.2	-13.6	44.2	.8	53.2	- 2.9	62.4	- 2.9	72.9	- 1.2	74.4	- 2.8	73.9	- 1.6	66.2	- 2.4	56.5M	- 1.6	43.1	- 1.6	37.2	2.8	51.9M	- 3.4

See Reference Notes Following Station Index

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
MATTOON	14.8		18.3		40.9		50.2		61.7		72.7		73.4		73.2		66.2		54.6		41.3M		34.4		50.1M	
MOWEAQUA	14.2M		18.5M		43.7		52.4		63.3		73.4		75.2		73.6M		66.8M		55.8		41.7M		36.8		51.3M	
NEWTON 6 SSE	15.8		17.8		41.1		50.6		60.7		72.9		74.0		73.1		65.7		55.2		41.9		35.3		50.3	
OLNEY 2 S	18.7	-13.3	22.2	-13.1	45.1	1.3	53.8	- 2.4	63.1	- 2.1	73.2M	- .9	75.5	- 1.8	74.5M	- 1.3	67.5M	- 1.7	57.9	- .8	43.7	- 1.4	37.4	2.7	52.7M	- 2.9
PALESTINE	18.6	-12.3	21.6	-12.7	44.6	1.8	52.8	- 2.9	63.0	- 2.0	73.6	- .8	75.0	- 2.4	74.3	- 1.4	67.5	- 1.0	56.8	- 1.0	43.5	- .6	37.0	3.3	52.4	- 2.6
PARIS WATERWORKS	16.1	-12.5	19.0	-12.9	42.4	1.7	51.5	- 2.3	62.7	- 1.0	73.1	.1	73.7	- 2.5	73.1	- 1.5	66.8	- 1.0	54.8	- 2.2	41.7	- .9	35.2	3.6	50.8	- 2.7
SALEM	18.0		22.6		44.5		53.8		63.9		74.6		76.6		75.3		68.3		58.6		43.9		37.7		53.2	
TUSCOLA	15.5		18.8		42.8		51.7		63.2		74.5		74.5		73.7		67.0		56.7M		-		35.9		-	
VANDALIA 3 SW	15.3		18.5M		41.8		-		62.5M		73.2		75.7		75.3M		68.6M		M		M		M		-	
WINDSOR	15.6	-12.7	19.9	-12.1	42.6	1.9	51.7	- 2.1	62.3	- 1.4	72.4	- .6	73.5	- 2.6	73.1	- 1.3	67.7	.1	56.7	- .2	42.3	- .4	36.7	5.1	51.2	- 2.2
DIVISION	16.2	-13.5	19.7	-13.5	42.9	1.1	51.9	- 2.8	62.4	- 1.8	73.1	- .4	74.5	- 2.1	73.8	- 1.2	66.9	- 1.1	56.2	- 1.2	42.3	- 1.1	36.3	3.9	51.4	- 2.8
• • •																										
SOUTHWEST 08																										
ANNA 1 E	22.3	-11.9	26.8	-10.8	46.4	.9	55.1M	- 2.7	63.8M	- 2.6	74.1M	- .7	77.5M	- .3	75.6M	- 1.0	68.8	- 1.0	59.1	- .6	45.6	- 1.0	38.6	1.9	54.5M	- 2.5
BELLEVILLE SO ILL UNIV	19.0		23.3		45.7		54.4		63.1		74.2		76.4		75.3		67.1M		58.2M		44.1		37.6		53.2M	
CAHOKIA	M		22.3		43.9		52.6		60.8		72.9		76.4M		75.8		68.8M		58.2		44.0M		37.5M		-	
CAIRO WSO CI	24.6	-11.7	30.4	- 9.3	48.3	.5	57.7	- 2.6	67.0	- 2.3	78.2	.5	80.4	- .3	79.1	- .1	72.0	.0	62.5	.8	48.4	.1	41.4	2.3	57.5	- 1.8
CARBONDALE SEWAGE PL	19.2	-14.8	24.4	-13.1	44.3M	- 1.4	54.1	- 3.8	62.4	- 4.2	73.4	- 1.8	76.1	- 2.1	74.1	- 2.7	65.5	- 4.1	55.8	- 3.4	42.5	- 3.7	35.5	- 1.3	52.3M	- 4.7
CARLYLE RESERVOIR	15.4	-15.5	19.9M	-14.8	41.9	- 1.2	52.1	- 3.8	62.6	- 2.9	73.8	- .9	76.4	- 1.3	74.9M	- 1.3	67.5	- 1.4	57.0	- 1.4	43.8	- .7	35.2M	1.0	51.7M	- 3.7
DU QUOIN 4 SE	17.9	-15.5	24.4	-12.6	44.8	- .3	53.8	- 3.7	63.4	- 2.9	74.0	- 1.0	77.6	- .5	74.9M	- 1.7	67.3	- 2.4	57.2	- 1.9	42.7	- 3.3	37.2	1.0	52.9M	- 3.8
KASKASKIA R NAV LOCK	18.1		23.0		43.1		53.0		63.5		75.0		77.7		76.9		66.9		58.0M		44.1		36.4		53.0M	
MARION 4 NNE	18.7		23.0		44.2		53.4		62.2		73.1		76.3		74.7		67.4		56.5M		43.6		36.2		52.4M	
NASHVILLE 4 NE	18.6		23.4M		44.7		54.1		63.5		74.7		77.0		74.9		68.6		59.0		44.7		37.6		53.4M	
SPARTA	19.9	-13.4	26.2	-10.9	45.6	.5	55.0	- 2.8	64.7	- 1.8	75.6	.4	78.8	.2	76.6	- .7	68.9	- 1.5	59.9	- .2	45.1	- 1.2	38.5	2.2	54.6	- 2.4
WATERLOO	18.3		24.1		43.8M		53.0		63.3		73.4		76.5M		75.7		68.2		57.6		44.4		36.8		52.9M	
DIVISION	19.3	-14.0	24.3	-12.7	44.7	- .3	54.0	- 3.6	63.4	- 3.0	74.4	- .7	77.3	- .9	75.7	- 1.1	68.1	- 1.7	58.3	- 1.2	44.4	- 1.7	37.4	1.2	53.4	- 3.4
• • •																										
SOUTHEAST 09																										
ALBION	20.4		25.2		46.1		54.6		64.9M		75.5		-		M		69.8		59.7		45.3		37.9		-	
BROOKPORT DAM 52	24.4		29.6		48.7		56.9		64.9		74.6		77.9		76.3		68.9		59.7		46.2		39.4		55.6	
DIXON SPRINGS AGR C	23.5		29.1		48.3		56.4		64.6		73.4		77.1		75.5		68.6		59.7		46.3		39.1		55.1	
FAIRFIELD RADIO WFIW	19.7	-13.0	23.3	-12.6	45.3	1.0	53.4	- 3.3	62.8	- 2.7	73.0	- 1.2	75.9	- 1.3	74.5	- 1.3	67.8	- 1.2	58.6	.0	44.5	- .9	37.5	2.1	53.0	- 2.9
HARRISBURG	22.2	-12.7	27.3	-10.8	47.1	.7	56.5	- 2.1	65.5	- 1.8	76.0	.2	78.4	- .4	76.9	- .5	68.8	- 1.4	59.4	- .2	45.9	- 1.0	39.8	2.5	55.3	- 2.3
MC LEANSBORO 2 ENE	17.6	-16.0	22.1	-14.9	43.2	- 2.0	52.9	- 4.9	62.1	- 4.5	73.7	- 1.6	76.1	- 2.2	74.0	- 3.0	67.4	- 2.6	56.8	- 2.5	44.4	- 1.7	36.5	.3	52.2	- 4.7
MT CARMEL	18.8		22.1		43.7		52.9		62.5		74.9		75.9		75.4		68.3		56.7		44.2		36.5		52.7	
MT VERNON 3 NE	18.0	-14.1	22.6	-13.0	44.7M	.7	54.9	- 1.8	M		72.9	- 1.8	M		76.9M	.4	M		57.1M	- 1.7	43.8	- 1.3	37.0M	2.0	-	
REND LAKE DAM	18.5		23.4		43.8		53.9		63.8		74.2		77.5		75.3		68.7		57.6M		45.6		36.2M		53.2M	
ROSICLARE	23.6		28.8M		47.9		55.5		63.3		71.9		76.1		74.6		67.3		59.3M		45.4		39.0		54.4M	
DIVISION	20.7	-12.8	25.4	-11.4	45.9	.8	54.8	- 2.8	63.8	- 2.6	74.0	- 1.0	76.9	- 1.2	75.5	- 1.3	66.4	- 1.4	58.5	- .8	45.2	- .8	37.9	1.7	53.9	- 2.8

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
* * * NORTHWEST 01																										
ALEDO	1.54	.02	.97	-.27	3.06	.53	3.74	-.18	3.36	-.41	2.46	-2.15	6.48	2.39	4.[illegible]3	1.29	T	-3.52	2.59	-.46	1.85	.04	2.15	.42	32.23	-2.30
DIXON 3 W	3.69	2.13	1.11	-.15	3.90	1.61	3.86	.42	2.06	-1.63	2.51	-1.69	2.75	-1.17	7.71	4.33	.04	-3.57	3.16	.53	2.56	.44	2.71	.89	36.06	2.14
FREEPORT WASTE WTR PLT	2.37		.96		2.80		3.17		1.58		5.99		3.00		9.59		.11		3.21		3.12		2.52		38.42	
FULTON DAM 13	2.00	.54	.82	-.28	2.19	.03	2.79	-.60	2.07	-1.65	1.26	-3.17	2.68	-1.29	9.78	5.98	.11	-3.63	3.56	.98	2.72	.61	2.13	.45	32.11	-2.03
GALENA 1 N	2.27	.83	1.00	.07	2.08	-.16	2.94	-.34	1.22	-2.73	5.42	.90	5.94	2.03	6.63	2.80	.13	-3.63	2.27	-.19	3.11	1.16	1.32	-.36	34.33	.38
GALVA	3.52	1.94	1.30	-.04	3.99	1.40	5.7[illegible]	1.87	3.41	-.64	2.36	-2.30	3.89	-.11	2.75	-.43	1.28	-2.17	1.67	-1.38	2.45	.51	3.49	1.80	35.89	.45
GENESEO	2.18	.63	.74	-.45	3.44	.99	4.22	.48	2.78	-1.06	3.01	-1.53	3.64	-.52	10.85	7.30	.05	-3.54	2.72	.03	2.22	.33	2.79	1.17	38.64	3.83
HENNEPIN POWER PLANT	E 2.30		E 1.30		4.16		5.02		E 1.62		4.03		2.12		11.90		.01		.91		2.12		E 3.05		E 38.54	
ILLINOIS CITY DAM 16 //	2.88	1.43	.84	-.33	2.70	.37	3.1[illegible]	-.76	2.07	-1.55	2.48	-2.34	5.62	1.95	3.07	.06	.17	-3.13	3.45	.85	1.87	-.12	1.38	-.34	29.63	-3.91
KEITHSBURG	2.73	1.27	.83	-.35	3.80	1.64	3.58	.24	2.89	-.50	1.85	-2.10	3.65	-.03	3.99	1.48	.01	-3.27	2.10	-.45	2.20	.66	1.76	.36	29.39	-1.05
KEWANEE 1 E	E 2.65	.85	E .51	-.88	E 3.68	1.12	5.44	1.43	1.74	-2.32	2.53	-1.95	4.91	.68	6.87	3.89	.15	-3.23	1.64	-1.55	2.02	-.06	3.60	1.74	E 35.74	-.28
MOLINE WSO AP R	2.72	1.06	1.02	-.27	2.77	.20	4.01	.19	2.86	-1.06	2.85	-1.57	4.40	-.18	6.94	3.57	.02	-3.82	2.51	-.18	2.13	.26	2.27	.50	34.50	-1.30
MORRISON	2.24	.60	E 1.00	-.28	3.22	.70	3.37	-.37	E 2.45	-1.71	2.39	-2.06	3.34	-.48	10.48	6.76	.04	-3.64	3.32	.84	2.64	.56	2.98	1.09	E 37.47	2.01
MOUNT CARROLL	2.89	1.24	1.13	-.02	2.72	.42	3.93	.47	2.18	-1.92	4.43	-.16	5.33	1.31	7.25	3.83	.09	-3.76	2.84	.45	2.89	.69	1.95	.05	37.63	2.60
NEW BOSTON DAM 17	3.46	1.86	.60	-.55	3.63	1.15	3.38	-.46	2.75	-.86	1.90	-2.54	5.33	1.03	4.45	1.56	.00	-3.30	2.7[illegible]	.03	2.05	.34	1.25	-.40	31.50	-2.14
PAW PAW	3.43	1.67	.79	-.62	2.62	.05	6.2[illegible]	2.29	2.01	-1.82	2.98	-1.19	2.[illegible]2	-2.13	6.28	2.99	.86	-2.46	3.0[illegible]	.03	2.62	.47	2.09	.22	34.90	-.50
ROCHELLE	2.48		1.41		3.59		4.11		1.35		4.94		2.90		9.69		.34		1.97		2.87		1.90		37.55	
ROCKFORD 6 ENE	1.82		.83		3.78		4.31		1.58		4.96		E 1.52		E 9.35		.05		1.51		2.72		1.68		E 34.11	
ROCKFORD WSO AP //R	2.43	.64	1.18	-.11	3.74	1.09	5.2[illegible]	1.35	1.45	-2.41	4.75	.33	4.34	.07	6.74	3.08	.05	-3.95	1.55	-1.30	2.43	.06	2.24	.53	36.10	-.62
STOCKTON 1 N	E 2.84		1.27		2.64		3.34		2.24		6.76		4.96		7.22		.19		3.39		2.05		1.45		E 38.35	
TISKILWA 2 SE	2.25	.60	.86	-.52	4.0[illegible]	1.38	E 5.28	1.22	2.99	-.96	5.23	1.23	3.68	-.12	11.26	8.09	T	-3.37	1.5[illegible]	-1.26	2.54	.65	2.73	.99	E 42.40	7.93
WALNUT	2.66	1.10	1.11	-.15	4.64	2.22	4.49	.40	2.40	-1.43	2.93	-1.34	2.35	-1.25	11.86	8.35	T	-3.81	1.98	-.68	2.42	.52	3.00	1.37	39.84	5.30
DIVISION	2.60	.97	1.0[illegible]	-.20	3.3[illegible]	.93	4.3[illegible]	.64	2.27	-1.60	3.61	-.76	3.69	-.44	8.31	4.96	.20	-3.48	2.45	-.25	2.45	.36	2.53	.77	36.85	1.90
* * * NORTHEAST 02																										
ANTIOCH 2 NW	3.53	1.75	1.28	.02	4.01	1.53	6.2[illegible]	2.90	1.24	-2.29	4.74	.74	1.26	-2.55	11.28	8.27	.05	-3.18	1.4[illegible]	-.83	2.93	.68	1.94	.10	40.01	7.16
AURORA	2.72	.84	1.14	-.35	4.9[illegible]	2.47	6.06	2.62	2.60	-.97	5.34	1.10	3.68	-.10	4.96	2.00	T	-3.47	1.57	-1.07	2.84	.69	2.61	.61	38.42	4.37
BARRINGTON	2.17		.86		3.37		5.07		1.76		6.48		1.71		8.65		.02		1.5[illegible]		3.45		2.06		37.13	
CHANNAHON DRESDEN ISL	3.93	2.02	1.65	.13	5.39	2.68	5.38	1.29	2.33	-1.33	2.57	-1.22	3.81	-.19	7.58	4.70	.04	-3.28	2.44	-.04	2.90	.73	2.64	.54	40.66	6.03
CHICAGO O'HARE WSO AP R	2.81	1.11	1.02	-.28	4.49	1.97	4.92	1.54	2.58	-.83	4.63	.48	2.19	-1.27	7.57	4.84	.02	-2.99	1.4[illegible]	-.83	2.80	.70	2.58	.94	37.10	5.38
CHICAGO UNIVERSITY //	3.53	1.68	1.55	-.01	4.41	1.74	4.61	.85	1.64	-1.98	4.62	.83	2.95	-.62	7.90	4.77	.04	-2.89	1.5[illegible]	-1.05	4.07	1.93	2.71	.71	39.53	5.96
CHGO MIDWAY WSCMO AP //R	3.00	1.15	1.11	-.48	4.31	1.58	5.01	1.26	2.00	-1.41	3.09	-.86	3.80	-.29	8.64	5.50	.01	-2.99	1.81	-.81	2.75	.55	2.51	.40	38.04	3.60
DE KALB	2.90	1.10	1.40	.07	4.12	1.61	5.07	1.65	1.80	-1.91	4.33	-.03	7.00	2.49	8.35	5.15	.04	-3.51	1.39	-1.46	2.70	.28	2.35	.47	41.45	5.91
ELGIN	4.28	2.51	E 1.06	-.31	E 3.84	1.14	5.94	2.24	1.74	-1.83	8.59	4.31	3.82	-.03	8.82	5.74	.01	-3.32	1.48	-1.03	3.04	.74	2.55	.64	E 45.17	10.80
GEBHARD WOODS ST PARK	E 3.24		E 1.27		E 4.75		5.71		E 2.04		E 3.38		4.63		5.63		.00		2.08		3.09		1.85		E 37.67	
JOLIET BRANDON RD DAM	3.00	1.36	1.05	-.48	4.63	2.01	5.78	2.00	2.03	-1.66	5.58	1.75	4.97	1.05	6.02	2.88	.04	-3.42	2.59	-.10	2.90	.81	2.22	.27	40.81	6.47
MARENGO	4.05	2.26	1.11	-.20	4.1[illegible]	1.61	6.42	3.00	1.52	-1.88	4.01	-.14	2.67	-1.14	8.27	5.04	.00	-3.38	1.37	-1.10	2.72	.47	E 2.06	.15	E 38.30	4.69
MARSEILLES LOCK	3.68	1.97	1.19	-.18	5.18	2.60	4.87	.85	3.66	.11	1.61	-2.17	3.30	-.44	8.68	5.58	.12	-3.26	1.88	-.65	2.66	.74	2.51	.64	39.34	5.79
MC HENRY LOCK AND DAM	4.34		.78		3.7[illegible]		4.60		1.29		6.18		1.69		7.44		.03		1.59		2.81		1.64		36.12	
MORRIS	3.19		1.2[illegible]		4.5[illegible]		5.73		2.08		2.59		3.70		6.79		.03		E 1.39		2.78		E 2.86		E 36.89	
OTTAWA	3.12	1.33	1.1[illegible]	-.27	5.5[illegible]	2.84	5.37	1.11	2.96	-.63	2.07	-2.06	3.86	-.17	8.86	5.76	.91	-2.46	1.27	-1.14	2.48	.55	2.54	.61	40.17	5.47
PARK FOREST	3.05	1.28	.7[illegible]	-.94	E 2.51	-.10	5.19	.96	2.63	-1.39	3.51	-.68	3.15	-.84	7.60	4.39	.09	-2.79	2.71	-.06	5.59	3.42	1.99	-.03	E 38.72	3.22
PEOTONE	2.95	.99	1.71	.07	5.08	2.43	6.35	2.17	1.98	-1.83	E 4.84	.61	5.63	1.71	9.24	6.14	E .04	-2.98	4.64	1.88	3.00	.71	1.52	-.62	E 46.98	11.28
PERU 2 W	2.27	.44	1.48	.05	4.58	1.84	5.51	1.58	3.02	-.69	3.95	.27	4.74	.71	12.41	9.64	.00	-3.26	1.73	-.77	1.54	-.36	2.62	.72	43.85	10.17
STREATOR 2 ENE	3.9[illegible]	2.25	1.23	-.24	5.0[illegible]	2.45	5.49	1.26	2.01	-1.80	3.17	-.95	3.87	-.13	9.67	6.72	T	-3.43	1.98	-.42	2.65	.63	2.63	.63	41.62	6.97
UTICA STARVED ROCK DAM	3.3[illegible]	1.66	1.1[illegible]	-.22	4.76	2.13	5.33	1.28	2.96	-.73	3.19	-.79	3.67	-.31	9.80	6.98	2.16	-1.27	1.34	-1.16	2.71	.65	2.77	.91	43.14	9.13
WAUKEGAN	E 3.35	1.39	E 1.07	-.25	E 3.71	1.15	5.3[illegible]	1.81	1.92	-1.48	3.63	-.39	3.16	-.17	9.39	6.50	.0[illegible]	-3.12	2.15	-.22	3.28	1.01	E 1.94	.06	E 38.92	6.29
WHEATON 3 SE	3.68	1.74	1.35	-.08	4.51	1.88	4.98	1.33	2.63	-.96	E 4.29	.17	3.58	-.26	10.03	7.13	T	-3.40	1.69	-.92	3.57	1.35	3.58	1.51	E 43.89	9.49
DIVISION	3.17	1.36	1.16	-.29	4.24	1.63	5.45	1.74	2.13	-1.45	4.52	.42	3.57	-.27	8.40	5.36	.08	-3.23	1.74	-.82	3.11	.95	2.38	.45	39.95	5.85
* * * WEST 03																										
AVON 5 NE	E 2.02		1.33		4.30		5.30		2.39		2.05		5.90		2.01		T		1.4[illegible]		2.37		2.01		E 31.13	
BENTLEY 1 E	1.68		.68		3.06		4.41		1.29		2.48		4.09		2.29		.54		2.01		2.04		1.62		26.19	
CANTON 1 ESE	3.28	1.49	1.92	.48	4.79	1.93	4.65	.45	1.60	-2.59	1.85	-2.52	5.89	2.17	.96	-2.44	.02	-3.44	2.12	-.62	2.[illegible]9	.68	3.28	1.38	33.15	-3.03
GALESBURG	2.31	.46	1.21	-.23	4.09	1.27	5.08	1.16	2.33	-1.52	1.73	-3.09	4.03	.05	3.7[illegible]	.57	.8[illegible]	-2.59	1.58	-1.39	2.50	.54	2.91	1.15	32.38	-3.60
GLADSTONE DAM 18	2.65	1.03	.70	-.46	3.78	1.34	3.87	.10	4.09	.41	1.78	-2.66	4.51	.84	3.82	.31	.06	-3.60	1.99	-1.02	2.03	.28	1.42	-.17	30.70	-3.60
GOLDEN 1 NW	E 2.32	.60	E .95	-.57	E 3.40	.58	3.81	-.12	1.45	-2.22	1.20	-3.31	4.51	-.24	1.76	-1.38	.03	-3.73	2.04	-.99	2.23	.38	1.81	.13	E 25.51	-10.87
LA HARPE	2.60	.79	.84	-.54	4.23	1.40	4.53	.57	2.12	-1.51	3.13	-1.97	5.66	1.88	4.22	.37	.1[illegible]	-3.92	1.97	-1.22	2.34	.59	1.80	.03	33.57	-3.53
MACOMB	2.76	1.03	1.21	-.17	5.07	2.31	4.84	.96	E 2.39	-1.65	2.95	-1.93	4.14	.45	2.2[illegible]	-1.09	.0[illegible]	-3.57	2.42	-.46	1.99	.10	1.84	.17	E 31.93	-3.85
MONMOUTH	2.33	.42	.87	-.66	4.42	1.72	4.63	.84	2.88	-1.04	2.56	-2.25	3.[illegible]9	-.28	2.27	-.94	.0[illegible]	-3.66	2.35	-.68	2.12	.25	1.83	.08	30.08	-6.20
MOUNT STERLING	3.09	1.38	E 1.21	-.38	E 3.26	.27	4.22	-.30	1.62	-2.49	E 1.86	-2.85	3.00	-1.56	2.79	-.37	.15	-3.42	1.68	-1.44	2.21	-.04	1.96	.06	E 27.05	-11.14
PAYSON	3.56		1.51		3.92		E 5.68		3.36		2.72		3.97		2.37		2.17		1.56		2.71		1.25		E 34.78	
QUINCY FAA AP	1.90	.29	1.52	.08	3.02	.28	4.43	.55	2.25	-1.82	2.36	-2.38	3.06	-1.36	1.94	-1.54	.37	-3.62	2.23	-.94	2.51	.74	1.18	-.38	26.77	-10.10
QUINCY DAM 21 //	1.94	.27	.77	-.68	3.97	1.38	5.33	1.67	2.69	-.98	2.16	-2.31	1.85	-2.38	2.29	-1.06	.09	-3.78	2.68	-.22	2.29	.65	1.24	-.45	27.30	-7.89
QUINCY MEMORIAL BRIDGE	3.42	1.68	.88	-.60	4.20	1.49	5.15	1.19	2.64	-1.32	2.92	-1.66	2.10	-2.35	1.77	-2.07	.05	-4.09	2.34	-.68	1.99	.18	1.53	-.20	28.99	-8.43
RUSHVILLE	1.93	.21	1.58	-.02	3.37	.41	4.43	.03	2.66	-1.53	2.31	-2.24	4.05	.03	1.81	-1.80	.1[illegible]	-3.55	2.55	-.45	2.22	.03	2.08	.02	29.15	-8.86
DIVISION	2.19	.44	1.11	-.36	3.79	1.00	4.61	.58	2.34	-1.64	2.21	-2.68	3.85	-.24	2.58	-.89	.2[illegible]	-3.61	2.20	-.83	2.32	.38	1.84	.06	29.27	-7.79
* * * CENTRAL 04																										
BLOOMINGTON WATERWORKS	2.04		.72		4.37		7.13		1.47		1.75		4.0[illegible]		2.13		.16		1.64		2.31		1.16		28.94	
CHENOA	2.83		.77		3.11		5.86		2.07		2.38		7.1[illegible]		5.12		.0[illegible]		.82		2.36		1.11		33.59	
CHILLICOTHE	2.78	1.01	.88	-.53	5.29	2.64	4.31	.27	1.34	-2.65	2.91	-1.55	3.97	.31	2.06	-.70	.00	-3.70	1.41	-1.07	3.02	.82	3.03	1.14	31.00	-4.01
CLINTON 1 SSW	4.22	2.26	1.11	-.74	7.60	4.71	7.88	3.53	1.73	-2.66	1.21	-3.59	5.12	1.38	2.33	-1.01	.15	-3.41	1.34	-1.78	2.20	-.42	1.89	-.23	36.78	-1.96
DECATUR	4.01	1.91	.84	-1.24	5.43	2.32	7.87	3.56	1.12	-3.21	.89	-3.96	7.14	3.92	4.54	1.57	.02	-3.30	1.22	-1.86	2.40	-.35	1.40	-.87	36.88	-1.51
FARMER CITY	3.91		.76		6.04		7.13		1.65		2.51		8.27		3.98		T		1.40		2.51		1.23		39.39	
HAVANA 4 NNE	2.68	.96	1.67	.08	4.01	1.19	4.18	.18	1.25	-2.53	1.27	-2.81	7.48	3.68	.66	-2.54	.20	-3.24	1.95	-.93	3.07	.90	2.56	.54	30.98	-4.52
LACON 2 E	2.03		1.06		4.9[illegible]		4.93		1.45		3.91		5.57		3.70		T		1.35		3.12		3.16		35.21	
LINCOLN	3.58	1.62	.91	-.95	4.94	2.09	7.66	3.37	1.98	-1.99	.80	-3.92	4.03	.47	1.24	-1.78	2.72	-.46	1.18	-1.68	2.48	.23	2.29	.03	33.81	-2.97
MACKINAW	3.00	1.05	1.51	-.22	5.39	2.59	5.03	.68	2.34	-1.48	2.38	-2.27	4.63	.96	1.39	-1.85	.14	-3.54	1.88	-.82	3.17	.93	3.08	.90	33.94	-3.07
MASON CITY 1 NW	2.0[illegible]		.93		4.29		4.94		1.53		.51		4.98		1.83		.11		1.38		2.60		2.76		27.94	
MINONK	-		-		E 7.41	4.89	E 4.75	.53	1.60	-2.29	2.75	-1.28	4.70	.73	5.90	2.97	.60	-2.90	1.47	-1.10	E 2.92	.89	1.80	-.23	-	
MOUNT PULASKI	3.2[illegible]	1.37	1.57	-.29	5.25	2.41	10.84	6.66	1.60	-2.10	1.74	-2.91	6.68	3.05	1.56	-.98	.11	-3.12	1.83	-1.02	1.84	-.50	1.58	-.58	37.86	1.99
NORMAL	2.31	.25	.83	-.81	4.53	1.79	6.71	2.43	1.71	-2.36	1.89	-2.36	5.80	2.13	2.06	-1.27	.15	-3.31	1.57	-1.21	2.56	.21	1.36	-.84	31.48	-5.35
PEORIA WSO AP //R	2.48	.66	1.37	-.13	4.42	1.62	4.48	.12	1.96	-1.91	1.77	-2.14	4.81	1.05	.87	-2.20	.03	-3.52	1.70	-.81	2.76	.74	2.33	.44	28.98	-6.08
PETERSBURG 3 SSW	3.0[illegible]		.82		E 4.83		4.97		1.43		.87		E 4.69		E 2.81		.06		1.20		2.25		2.49		E 29.42	
PRINCEVILLE	2.47	.97	E .28	-.94	3.79	1.25	5.52	1.69	2.03	-1.74	1.76	-2.47	4.04	.35	2.14	-.65	T	-3.57	1.66	-.85	2.24	.39	3.56	1.99	E 29.49	-3.58
DIVISION	2.84	.98	.94	-.68	4.81	2.06	5.82	1.58	1.67	-2.30	1.86	-2.42	5.81	2.14	2.91	-.24	.35	-3.10	1.43	-1.33	2.64	.41	2.14	.07	33.22	-2.83

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
EAST 05																										
DANVILLE	2.82	.67	1.10	-.90	4.24	1.43	6.21	2.27	2.22	-2.34	2.06	-2.51	8.56	4.37	9.84	6.76	.04	-3.06	1.68	-1.45	3.76	.94	1.89	-.44	44.44	5.74
DANVILLE SEWAGE PLANT	2.32		E 1.69		4.25		5.66		2.14		1.33		7.79		9.33		.02		1.97		3.33		2.44		E 42.27	
GIBSON CITY 1 E	3.48	1.47	.64	-1.13	5.51	2.68	7.46	3.13	1.84	-2.37	1.70	-2.16	8.59	4.66	4.84	1.77	.01	-3.22	.95	-1.97	2.22	-.08	1.24	-.96	38.48	1.82
HOOPESTON 1 NE	2.83	.80	.76	-1.11	4.20	1.31	5.46	1.38	2.48	-1.60	2.53	-1.85	6.58	2.65	5.30	2.62	T	-3.36	.89	-2.06	3.20	.62	1.40	-.65	35.63	-1.25
KANKAKEE WTR POLL CTR	3.15		.96		2.72		5.27		1.40		4.78		3.98		7.33		.00		2.08		3.69		.89		36.25	
MONTICELLO 2	E 3.70	1.65	1.03	-.88	5.62	2.61	E 7.96	3.57	1.47	-2.58	1.17	-3.47	8.29	4.75	3.56	.42	.21	-3.21	1.38	-1.64	2.65	.09	1.16	-1.02	E 38.20	.29
PIPER CITY 3 SE	3.16	1.34	.55	-1.05	3.44	.90	5.16	.94	1.88	-2.16	1.91	-1.99	6.57	2.90	5.00	2.09	.04	-2.70	.77	-1.91	1.98	-.01	1.46	-.40	31.92	-2.05
PONTIAC	3.79	2.11	1.10	-.33	4.19	1.87	6.17	2.01	1.96	-2.00	3.06	-.88	5.56	1.33	6.06	3.33	.05	-3.16	1.15	-1.35	2.68	.75	1.40	-.53	37.17	3.15
RANTOUL	E 3.41	1.34	E 1.20	-.60	E 3.67	.90	6.94	3.03	2.01	-1.82	3.10	-1.02	10.60	6.94	5.48	2.94	T	-3.11	1.66	-1.19	2.81	.30	1.69	-.49	E 42.57	7.22
SIDELL	3.57		E .73		3.56		4.79		2.82		1.40		6.74		5.74		.05		2.23		3.76		2.03		E 37.42	
URBANA	2.86	.73	1.27	-.75	4.87	1.74	6.47	2.41	1.47	-2.68	1.01	-3.37	8.44	4.55	5.10	2.15	.54	-2.44	1.57	-1.36	2.71	.15	1.45	-.77	37.76	.34
WATSEKA 2 NW	3.03	1.03	.71	-1.09	5.82	2.94	7.14	2.59	2.69	-1.85	4.03	.16	5.99	1.38	7.35	4.49	.10	-2.73	2.01	-.76	3.90	1.49	1.02	-1.27	43.79	6.38
DIVISION	3.13	1.28	.96	-.80	4.15	1.44	6.10	1.97	2.01	-2.16	2.81	-1.33	7.04	3.03	6.43	3.53	.10	-2.92	1.48	-1.33	3.09	.75	1.40	-.69	38.70	2.77
WEST SOUTHWEST 06																										
ALTON DAM 26	2.61		.97		4.51		6.49		1.10		1.77		2.89		2.02		.30		1.75		2.17		1.93		28.51	
BEARDSTOWN	E 2.37	.62	1.18	-.50	4.63	1.73	4.51	.28	2.12	-1.84	.87	-3.67	4.14	-.12	3.24	.16	1.43	-2.09	2.58	-.46	2.24	-.01	1.82	-.14	E 31.13	-6.04
BLUFFS	E 1.94	.31	E 1.12	-.56	3.01	.05	6.23	2.38	1.04	-3.19	4.10	-.56	6.05	2.14	1.85	-1.16	.35	-3.34	1.12	-2.04	2.88	.66	3.06	1.11	E 32.75	-4.20
CARLINVILLE	2.38	.54	1.08	-.94	3.54	.53	7.92	3.76	1.56	-2.73	1.65	-2.72	4.37	.58	4.93	1.77	.61	-2.99	1.55	-1.31	2.16	-.42	2.43	.45	34.18	-3.48
EDWARDSVILLE 1 NE	3.94	1.76	1.36	-.86	3.74	.31	6.37	2.17	1.93	-2.85	1.76	-2.88	5.69	1.75	4.77	1.42	.03	-3.40	1.63	-1.43	2.43	-.56	2.20	-.06	35.85	-4.63
GRAFTON	2.41	.53	1.34	-.77	3.49	.59	6.91	3.11	1.08	-3.15	2.30	-1.80	3.16	-.93	4.98	1.66	.20	-3.03	2.24	-.58	2.15	-.54	2.03	.02	32.29	-4.89
GREENFIELD	-		-		-		-		-		-		-		-		-		-		2.13		2.15		-	
GREENVILLE 1 E	3.04	.88	2.00	-.24	6.74	3.54	6.85	2.86	2.08	-2.51	3.64	-1.01	6.55	3.42	2.00	-1.02	T	-2.99	2.30	-.46	3.68	.65	1.57	-.76	40.45	2.36
GRIGGSVILLE	2.6[illegible]	.96	1.09	-.51	3.89	1.07	7.31	3.44	1.36	-3.03	3.00	-1.55	3.04	-1.20	3.34	.05	.21	-3.43	1.52	-1.66	1.88	-.35	2.92	1.02	32.16	-5.19
HILLSBORO	E 2.31	.20	1.38	-.83	E 6.81	3.74	10.27	6.15	4.27	-.37	2.21	-2.45	5.90	2.07	2.60	-.58	.02	-3.22	2.13	-.87	2.58	-.28	1.68	-.70	E 42.16	2.86
JACKSONVILLE 2 E	E 1.49	-.17	E .76	-.91	4.18	1.40	5.23	1.20	.90	-3.51	2.00	-2.38	4.67	.75	1.74	-1.49	T	-3.71	1.01	-2.26	2.36	.05	2.12	.28	E 26.46	-10.75
JERSEYVILLE 2 SW	1.96		1.10		3.33		7.63		1.73		2.64		5.27		4.03		.36		4.45		2.00		1.65		36.15	
KINCAID	3.15		.76		3.45		8.32		1.38		1.14		4.17		3.82		.33		2.38		2.16		1.70		32.76	
MEDORA	1.80	-.13	1.42	-.63	3.65	.49	8.27	4.16	2.07	-2.29	1.65	-2.65	4.31	.43	3.79	.44	.00	-3.67	2.01	-1.17	2.17	-.63	1.88	-.21	33.02	-5.86
MORRISONVILLE	-		-		-		-		-		-		-		-		-		-		2.15		.96		-	
MOUNT OLIVE 1 E	E 2.75	.70	1.87	-.32	5.28	2.17	7.29	3.23	2.02	-2.25	2.08	-2.39	5.40	2.09	3.15	.30	.00	-3.11	1.52	-1.31	E 2.65	-.16	1.84	-.51	E 35.85	-1.56
PANA	2.86	.76	1.29	-.92	6.72	3.60	7.43	3.52	2.01	-2.36	2.67	-1.97	7.04	3.35	2.22	-1.60	1.13	-2.27	1.84	-1.01	2.95	.07	1.48	-.91	39.64	.26
SPRINGFIELD WSO AP R	1.90	.15	1.09	-.68	3.75	1.05	7.17	3.03	1.32	-2.22	.94	-3.22	4.63	.82	2.85	.11	T	-3.27	1.34	-1.74	1.98	-.16	2.36	.44	29.33	-5.69
VIRDEN 1 N	E 3.04	1.18	1.19	-.88	3.27	.33	7.43	3.45	1.03	-3.14	3.27	-1.01	5.40	1.64	3.56	.01	.67	-2.76	1.17	-1.79	2.32	-.19	2.21	.23	E 34.56	-2.93
VIRGINIA	2.61	.91	1.09	-.71	3.37	.20	4.73	.60	1.21	-2.74	.49	-4.05	4.45	.37	3.74	.45	.96	-2.55	1.17	-1.87	2.71	.36	2.52	.52	28.98	-8.51
WHITE HALL 1 E	1.74	.23	E 1.02	-.55	2.55	-.12	4.95	1.21	1.83	-2.42	3.61	-.90	3.80	-.01	2.63	-.66	.06	-3.35	1.24	-1.88	1.99	-.25	2.07	.27	E 27.49	-8.43
DIVISION	2.29	.46	1.10	-.82	4.26	1.35	7.18	3.20	1.71	-2.56	2.38	-2.13	4.70	.93	2.9[illegible]	-.30	.34	-2.99	1.80	-1.15	2.23	-.30	1.98	-.04	32.96	-4.35
EAST SOUTHEAST 07																										
CHARLESTON	E 3.40	1.02	E 1.66	-.38	5.49	2.28	5.75	1.96	2.17	-2.00	2.14	-2.46	9.84	6.20	3.04	.17	.12	-2.97	2.00	-.67	3.96	.76	2.07	-.16	E 41.64	3.75
CLAY CITY 6 SSE	3.92		4.13		5.00		6.60		2.83		2.47		9.42		6.8[illegible]		.78		1.78		5.26		1.83		50.85	
DIONA 3 SW	E 3.85		E 1.43		E 4.97		5.19		2.08		E 3.40		9.42		4.7[illegible]		.91		2.13		E 2.95		1.45		E 42.57	
EFFINGHAM 3 W	3.68	1.37	1.69	-.50	6.27	2.99	6.10	2.28	1.63	-2.79	3.23	-1.75	9.59	5.87	1.96	-.80	.55	-2.67	2.70	-.17	3.24	.05	2.18	-.37	42.82	3.51
FLORA 5 NW	2.86	-.10	4.09	1.42	7.21	3.46	4.93	.74	2.43	-2.51	4.46	-.05	11.99	8.53	4.8[illegible]	1.94	.95	-2.20	1.35	-1.49	4.19	.97	2.07	-1.00	51.41	9.71
GREENUP	4.31		1.73		5.16		6.05		2.84		3.27		9.13		4.02		.29		2.35		4.05		2.21		45.41	
HUTSONVILLE POWER PL	E 2.19		2.37		4.64		5.31		2.88		2.24		13.32		4.79		.91		1.82		4.86		1.90		E 47.23	
LAWRENCEVILLE	E 4.11	.75	4.93	2.14	5.26	1.25	5.42	1.23	3.50	-1.15	2.73	-1.90	13.1[illegible]	9.06	2.70	-.48	.71	-2.19	1.89	-.88	6.48	2.87	2.03	-1.07	E 52.86	9.63
MATTOON	2.54		1.67		4.74		6.00		2.15		2.25		9.67		1.80		.56		2.32		2.87		1.27		37.84	
MOWEAQUA	3.59		E 1.05		E 2.29		8.67		E 1.74		1.72		4.7[illegible]		2.56		.39		1.22		2.57		.55		E 31.08	
NEWTON 6 SSE	3.41	.88	3.87	1.52	3.75	.44	5.84	1.87	3.11	-1.13	2.02	-2.25	11.2[illegible]	7.59	2.66	-.29	.37	-2.61	1.56	-1.17	4.37	1.27	2.31	-.54	44.55	5.58
OLNEY 2 S	2.64	-.23	3.94	1.29	3.98	.12	6.37	2.17	3.50	-1.15	2.33	-2.17	9.5[illegible]	5.97	4.87	1.65	1.50	-1.28	1.68	-1.13	6.11	2.62	1.77	-1.25	48.24	6.61
PALESTINE	2.9[illegible]	.09	3.42	.84	4.21	.49	4.76	.64	2.40	-2.02	4.13	-.19	11.37	7.50	3.83	.72	.88	-2.31	2.31	-.31	5.24	1.87	1.82	-1.20	47.24	6.12
PARIS WATERWORKS	2.4[illegible]	-.15	1.42	-.87	4.36	1.10	5.85	2.11	4.18	-.17	1.58	-3.21	9.5[illegible]	5.71	5.63	3.04	.14	-3.19	1.85	-.85	4.50	1.41	1.82	-.98	43.33	3.95
SAINTE MARIE	3.67		2.78		4.14		5.67		2.85		2.29		10.2[illegible]		3.59		.30		1.74		4.21		1.81		43.33	
SALEM	2.61		3.22		6.86		6.21		2.59		2.93		6.92		5.7[illegible]		.90		1.30		3.70		2.20		45.22	
TUSCOLA	2.7[illegible]	.45	1.30	-.76	4.93	1.59	6.92	2.95	1.90	-2.29	1.43	-2.83	6.87	3.40	5.85	2.75	.13	-3.06	1.87	-.94	E 3.46	.56	1.91	-.47	E 39.27	1.35
VANDALIA 3 SW	2.99		1.81		5.67		E 8.06		2.09		3.10		6.93		3.0[illegible]		.60		2.81		4.29		1.92		E 43.29	
WINDSOR	2.11	-.31	1.30	-1.03	5.06	1.80	6.41	2.38	2.21	-2.08	2.93	-2.07	8.13	4.62	1.51	-1.62	.33	-3.02	1.95	-.96	2.78	-.25	1.99	-.59	36.71	-3.13
DIVISION	2.97	.37	2.34	-.02	4.99	1.59	6.30	2.30	2.47	-1.95	2.63	-1.91	8.95	5.26	3.65	.66	.57	-2.58	1.92	-.85	3.94	.78	1.84	-.85	42.52	2.80
SOUTHWEST 08																										
ANNA 1 E	3.16	-.61	7.19	3.74	7.12	2.23	7.67	2.97	4.39	-.95	3.18	-1.21	5.55	1.97	3.56	-.51	2.07	-1.54	1.42	-1.43	6.11	2.35	4.08	.39	55.50	7.40
BELLEVILLE SO ILL UNIV	2.63		1.93		5.30		E 6.74		2.15		3.29		6.50		3.64		.19		.90		3.33		E 2.61		E 39.21	
CAHOKIA	3.4[illegible]		2.57		3.09		6.08		1.74		3.86		5.42		1.66		.12		.94		2.4[illegible]		1.82		33.25	
CAIRO WSO CI R	3.4[illegible]	-.59	4.84	1.07	6.17	1.43	8.89	4.52	6.08	.90	.84	-3.55	2.92	-.32	4.78	1.28	2.92	-.55	1.69	-.99	5.45	1.58	3.33	-.61	51.29	4.17
CARBONDALE SEWAGE PL	3.92	.64	6.30	3.21	5.26	.87	8.26	4.05	3.32	-1.26	4.68	.67	6.54	3.07	5.47	1.93	1.58	-1.88	1.72	-1.10	6.31	2.83	2.54	-.61	55.90	12.42
CARLYLE RESERVOIR	E 3.67	1.36	E 2.30	-.11	8.26	4.86	5.74	1.83	1.89	-2.37	4.66	-.01	5.66	2.16	3.39	.27	.09	-3.09	1.49	-1.36	3.51	.46	1.90	-.59	E 42.56	3.41
CENTRALIA	5.37	3.05	3.38	.98	7.87	4.43	7.80	3.78	3.19	-1.47	3.01	-1.74	5.32	1.34	2.07	-1.21	.95	-2.37	1.60	-1.07	3.62	.46	2.68	.04	46.86	6.22
CHESTER	4.29	1.51	3.43	.74	5.15	1.57	6.90	2.70	3.87	-.63	2.11	-1.82	7.04	3.66	3.17	-.02	1.48	-1.88	1.32	-1.02	4.30	1.15	3.62	1.02	46.68	6.98
DU QUOIN 4 SE	2.77	-.15	4.52	1.63	E 6.27	2.19	6.10	1.94	4.23	.09	2.11	-1.84	4.62	1.05	2.14	-1.32	.87	-2.28	1.45	-1.45	5.20	1.81	2.30	-.65	E 42.58	1.02
GRAND TOWER 2 N	3.75	.46	5.50	2.43	7.39	2.98	7.16	2.60	4.39	-.52	1.69	-3.29	6.99	3.09	4.71	.83	1.06	-2.59	1.41	-1.51	6.50	3.03	2.67	-.47	53.22	7.04
KASKASKIA R NAV LOCK	2.96		1.95		E 5.57		7.21		3.60		2.70		5.90		3.87		.77		1.38		4.34		2.84		E 43.09	
MARION 4 NNE	4.54	1.28	6.74	3.51	5.86	1.30	6.89	2.74	3.44	-.78	2.96	-.78	5.30	1.81	2.89	-.66	1.45	-1.84	2.30	-.29	6.77	3.43	2.44	-.64	51.58	9.08
NASHVILLE 4 NE	3.08	.67	3.47	.86	5.25	1.66	6.91	2.76	2.52	-1.97	2.45	-1.84	7.00	3.63	1.93	-1.69	.92	-2.31	1.36	-1.51	3.40	.24	2.52	-.19	40.81	.31
PRAIRIE DU ROCHER 1 WSW	2.7[illegible]		1.79		5.26		7.08		3.92		3.17		8.04		6.67		.43		1.65		3.77		2.41		46.95	
RED BUD 5 SE	E 3.67		2.03		5.59		7.12		2.56		2.54		7.06		4.11		.38		1.45		3.61		1.92		E 42.04	
SPARTA	2.01	-.38	3.76	1.12	E 5.72	2.08	7.06	2.95	3.09	-1.45	1.53	-2.46	8.38	4.72	2.82	-.86	1.01	-2.58	2.08	-.81	4.32	1.15	2.71	.14	E 44.49	3.62
WATERLOO	4.68	2.47	1.91	-.36	4.87	1.70	7.18	3.52	1.90	-2.67	2.04	-2.06	7.74	4.19	3.38	.34	.01	-3.46	1.55	-1.28	3.89	1.05	2.06	-.27	41.21	3.17
DIVISION	3.3[illegible]	.34	3.96	1.02	5.73	1.63	7.66	2.87	3.20	-1.42	2.86	-1.46	5.96	2.38	3.29	-.36	1.00	-2.42	1.52	-1.33	4.59	1.26	2.60	-.44	45.13	2.07
SOUTHEAST 09																										
ALBION	2.7[illegible]	-.60	2.99	.00	4.80	.41	6.09	1.74	E 3.25	-1.51	3.18	-1.23	E 9.23	5.48	E 5.99	2.52	.82	-2.20	3.69	1.00	5.07	1.46	1.69	-1.71	E 49.56	5.36
BENTON FOREST SERVICE	E 3.81	.71	E 4.12	1.36	5.67	1.66	7.68	3.59	3.64	-.54	3.00	-1.06	3.84	.49	3.01	-.85	.80	-2.49	1.55	-1.46	5.79	2.68	1.63	-1.40	E 44.54	2.69
BROOKPORT DAM 52	4.37	.02	5.31	1.55	5.64	.48	9.20	4.85	6.18	1.53	8.34	4.29	2.21	-1.41	4.37	.96	4.72	1.14	1.99	-.55	6.93	3.15	3.48	-.30	62.74	15.71
CARMI 6 NW	3.77	.54	2.98	-.12	5.00	.62	6.70	2.65	3.13	-1.20	2.64	-1.02	4.00	.61	5.08	1.76	1.07	-1.83	1.87	-.65	6.74	3.58	1.88	-1.45	44.86	3.49
DIXON SPRINGS AGR C	3.0[illegible]		5.37		8.12		7.62		3.54		2.40		5.77		5.34		2.54		1.56		7.77		3.60		56.63	
FAIRFIELD RADIO WFIW	2.21	-.89	3.32	.49	5.94	1.91	7.86	3.67	3.74	-1.19	4.03	-.32	6.36	2.20	6.29	3.09	2.19	-.85	3.33	.39	6.83	3.26	2.43	-.60	54.53	11.16

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

ILLINOIS
1979

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
GOLCONDA OAM 51	4.72	.83	4.81	1.29	6.50	1.51	7.73	3.58	4.87	.32	6.75	2.69	2.68	- 1.55	6.98	3.73	4.01	.96	1.70	- .70	7.56	3.96	3.97	.41	62.28	17.03
HARRISBURG	3.25	- .26	5.57	2.42	5.94	1.22	6.71	2.43	3.33	- 1.49	4.42	.51	7.73	4.25	3.74	.18	2.62	- .19	1.44	- 1.28	6.93	3.51	2.55	- .83	54.23	10.47
HARRISBURG OISPOSAL PL	4.32		6.16		5.52		6.88		3.06		2.62		6.45		2.83		2.30		2.54		6.72		2.14		51.54	
MC LEANSBORO 2 ENE	5.16	2.05	4.74	1.85	5.66	1.57	7.46	3.30	2.99	- 1.34	2.46	- 1.55	4.26	.46	2.21	- 1.20	1.37	- 1.96	1.64	- 1.25	5.96	2.61	1.96	- 1.17	45.87	3.37
M7 CARMEL	4.60		2.94		4.47		4.55		2.83		3.08		14.26		6.82		1.30		2.21		6.61		1.53		55.20	
MT VERNON 3 NE	E 2.95	.20	E 3.64	1.06	5.37	1.56	E 5.50	1.13	2.27	- 2.09	1.97	- 2.19	6.76	2.87	6.09	2.56	.62	- 2.91	1.83	- .96	5.27	1.95	2.13	- .82	E 44.40	2.36
RENO LAKE OAM	3.50		3.99		5.96		6.99		4.07		2.23		5.23		3.85		.71		1.46		4.03		2.37		44.39	
ROSICLARE	3.99	.03	6.52	2.82	7.63	2.51	6.90	2.54	4.57	- .05	3.15	- 1.04	2.70	- .93	4.52	.68	3.84	.95	1.65	- .82	7.77	4.20	2.84	- .82	56.08	10.07
SHAWNEETOWN NEW TOWN	4.39	.77	5.20	1.99	7.20	2.30	6.61	2.46	4.49	.01	2.95	- 1.23	4.65	.69	7.44	3.93	2.77	- .20	1.92	- .58	7.08	3.69	3.42	.20	58.12	14.03
WAYNE CITY 1 N	E 3.97		4.22		4.45		6.23		E 3.45		2.82		5.83		4.22		.89		1.57		5.35		1.70		E 44.70	
OIVISION	3.58	.21	4.44	1.35	5.95	1.56	6.89	2.58	3.68	- 1.00	3.53	- .71	6.45	2.62	4.92	1.56	2.07	- 1.07	2.08	- .68	6.32	2.83	2.46	- .85	52.37	8.40

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
* * *																													
NORTHWEST 01																													
ALEDO	95	8- 7	-17	2- 9+	3-15	8	4- 6	18	4- 6	18	4- 6	18	4-10	32	10-13	26	10-13	26	11-10	22	11-11	19	12- 2	8	262	219	218	190	186
DIXON 3 W	90	8- 8+	-20	2- 5+	3-25	16	4- 7	18	4- 7	18	4-10	25	4-10	25	10-13	28	10-13	28	10-26	23	11-11	17	12- 1	15	251	218	202	186	186
FREEPORT WASTE WTR PLT	92	8- 8	-26	1-11	4- 6	15	4- 7	17	4-10	23	4-10	23	5- 1	31	10- 5	31	10-14	27	10-26	22	11-10	20	11-11	15	219	217	199	187	157
FULTON DAM 13	92	8- 8+	-23	1-15	3-17	16	4- 7	19	4- 7	19	4- 7	19	4-11	30	10-14	32	10-26	27	11-11	19	11-11	19	12- 2	10	260	218	218	202	186
GALVA	95	8- 8+	-19	2- 5	3-16	10	4- 6	17	4- 7	22	4- 7	22	4-10	29	10-13	28	10-13	28	11-11	18	11-11	18	12- 2	8	261	219	218	189	186
GENESEO	96	8- 5	-18	1-15	3-15	9	4- 6	19	4- 6	19	4- 6	19	4-10	29	10-13	30	10-26	26	11-10	20	11-10	20	12- 1	15	261	218	218	203	186
HENNEPIN POWER PLANT	96	8- 7	-24	1-11	3-16	12	4- 6	19	4- 7	22	4-10	26	4-10	26	10-10	30	10-14	25	10-26	19	10-26	19	11-11	11	240	203	202	187	183
KEWANEE 1 E	95	8- 8	-21	1-15	4- 6	7	4- 6	7	4- 7	24	4-11	27	5- 1	31	10-10	32	10-14	26	10-26	22	11- 4	20	11-11	14	219	212	202	186	162
MOLINE WSO AP	94	8- 7	-27	1- 2	3-15	10	4- 6	18	4- 6	18	4- 6	18	4-10	30	10- 5	31	10-13	27	11- 2	24	11-10	14	11-10	14	240	218	210	190	178
MORRISON	93	8- 8	-26	1-11	4- 6	12	4- 6	12	4- 7	22	4-10	27	-		10- 5	32	10-14	26	10-26	23	11-11	15	11-11	15	219	219	202	187	-
MOUNT CARROLL	92	8- 8+	-29	1-11	4- 6	15	4-10	20	4-10	20	5- 1	28	5-25	31	9-23	32	10- 7	28	10-14	22	10-26	19	11-11	12	219	199	187	159	121
PAW PAW	92	8- 8+	-25	1-11	4- 6	16	4- 8	16	4- 8	16	4-11	26	5- 2	32	10-10	31	10-14	25	11- 2	23	11- 7	20	11-11	15	217	213	209	186	161
ROCHELLE	94	8- 8	-26	1-15	3-25	16	4- 8	20	4- 8	20	4-10	25	5- 1	32	10- 5	30	10- 7	28	10-23	22	11-10	20	11-11	11	231	216	198	180	157
ROCKFORD WSO AP	92	8- 7	-24	1-15+	4- 6	13	4-10	19	4-10	19	4-10	19	5- 1	30	10-13	30	10-14	28	10-26	22	11-10	16	11-10	16	218	214	199	187	165
STOCKTON 1 N	90	8- 8	-25	1-11	4- 6	11	4- 7	17	4-10	22	4-10	22	5- 1	32	9-22	32	10-14	24	10-14	24	10-26	20	11-11	12	219	202	187	187	144
TISKILWA 2 SE	95	8- 7	-22	1-11	3-16	16	4- 6	18	4- 6	18	4-10	25	4-10	25	10-13	29	10-14	26	10-26	21	11-11	19	12- 2	7	261	219	203	187	186
WALNUT	95	8- 7	-20	2- 5	3-25	15	4- 6	18	4- 6	18	4- 7	28	4-10	29	10-13	27	10-13	27	10-26	22	11-11	17	12- 1	13	251	219	203	189	186
* * *																													
NORTHEAST 02																													
ANTIOCH 2 NW	92	8- 8	-29	1-12+	4- 7	14	4- 7	14	4-11	23	4-11	23	5- 2	31	10-1[illegible]	31	10-14	25	10-26	23	11- 9	20	11-11	12	216	216	198	186	161
AURORA	93	8- 7	-20	1-11	3-24	15	4- 7	19	4- 7	19	4-10	26	5- 1	32	10-1[illegible]	32	10-14	28	10-26	24	11-11	15	11-11	15	232	218	202	187	162
BARRINGTON	92	8- 8	-26	1-11	4- 6	9	4- 7	18	4-10	24	4-10	24	5- 1	31	10-1[illegible]	32	10-14	26	10-26	22	11-11	15	11-11	15	219	218	199	187	162
CHICAGO O'HARE WSO AP	94	7-23	-17	1-15	3-26	16	4- 6	19	4- 7	24	4-10	26	5- 1	30	10-14	31	10-26	27	11-10	22	11-11	18	12- 2	12	251	219	217	199	166
CHICAGO UNIVERSITY	95	8- 8	-13	1-15	3-15	14	4- 6	18	4- 6	18	4- 7	28	4-10	32	11- 2	32	11-10	27	11-11	23	12- 2	17	12-17	3	277	240	219	217	206
CHGO MIDWAY WSCMO AP	92	8- 7	-19	1-15	4- 6	16	4- 6	16	4- 6	16	4-10	27	5- 1	32	10-14	32	11-10	26	11-11	21	12- 2	15	12- 2	15	240	240	219	214	166
DE KALB	92	8- 8+	-22	1-11	3-16	15	4- 6	18	4-10	22	4-10	22	5- 1	32	10-14	26	10-14	26	10-26	21	11-11	14	11-11	14	240	219	199	187	166
ELGIN	90	8- 8	-24	1-16+	4- 7	15	4- 7	15	4- 7	15	4-10	25	5- 1	30	10-14	29	10-26	24	10-26	24	11- 2	17	11-11	16	218	209	202	199	166
GEBHARD WOODS ST PARK	94	6-21+	-23	1-15	3-16	10	4- 7	20	4- 7	20	4-10	26	-		10-1[illegible]	31	10-14	28	10-26	22	11-11	16	11-11	16	240	218	202	187	-
JOLIET BRANDON RD DAM	93	8- 8	-20	2- 6+	3-16	9	4- 7	18	4- 7	18	4-10	27	5- 1	32	10-13	32	10-26	24	10-26	24	11-11	18	12- 2	8	261	218	202	199	165
MARENGO	93	8- 7	-29	1-11	4- 6	8	4- 7	18	4-10	21	4-10	21	5- 1	29	10- [illegible]	32	10-14	23	10-14	23	10-26	20	11-11	12	219	202	187	187	159
OTTAWA	97	8- 7	-18	1-15	3-15	9	4- 6	20	4- 6	20	4-10	27	4-10	27	10-13	32	10-26	24	10-26	24	11-11	17	12- 2	8	262	219	203	199	186
PARK FOREST	91	8- 8+	-18	1-15	3-16	14	4- 6	17	4- 7	21	4-10	25	5- 1	30	10-13	32	10-14	28	10-26	24	11-11	16	11-11	16	240	219	202	187	165
PERU 2 W	95	8- 8	-22	1-11	3-15	11	4- 6	18	4- 6	18	4- 9	26	4-16	32	10- 5	31	10-26	23	10-26	23	12- 1	20	12- 2	10	262	239	203	200	172
WAUKEGAN	92	8- 8	-19	1-15	4- 7	12	4- 7	12	4-11	23	5- 2	28	5- 2	28	10-14	26	10-14	26	10-27	24	11-11	16	11-11	16	218	218	199	165	165
WHEATON 3 SE	93	8- 7	-25	1-11	4- 6	16	4- 7	18	4-10	22	5- 1	28	5- 5	32	10-10	30	10-14	26	10-26	21	11-11	14	11-11	14	219	218	199	166	158
* * *																													
WEST 03																													
GALESBURG	93	8- 7+	-20	1-15	3-15	9	4- 6	18	4- 6	18	4- 6	18	4-10	31	10-13	25	10-13	25	11-10	19	11-10	19	12- 1	14	261	218	218	190	186
GOLDEN 1 NW	97	7-14	-22	1-15	3-15	14	3-25	20	4- 6	22	4- 6	22	4- 7	32	10- 5	32	10-13	23	10-13	23	11-11	20	12- 2	10	262	231	190	190	181
LA HARPE	95	8- 7+	-20	2- 9	3-15	10	4- 6	19	4- 6	19	4- 6	19	4-10	31	10- 7	31	10-13	25	11- 2	24	11- 7	20	12- 2	7	262	215	210	190	180
MONMOUTH	95	8- 7+	-17	2- 9	3-15	10	4- 6	19	4- 6	19	4- 6	19	4-10	32	10-13	26	10-13	26	11-11	17	11-11	17	12- 2	8	262	219	219	190	186
QUINCY FAA AP	96	8-18+	-16	2- 9+	3-11	14	3-15	17	3-25	24	4- 6	25	4- 6	25	10-13	28	10-13	28	11-11	21	11-30	20	12- 2	12	266	260	231	190	190
QUINCY DAM 21	98	7-14	-21	1-15	2-20	4	3-16	18	4- 7	24	4- 7	24	4- 7	24	10- 5	30	10-13	28	11- 7	21	11-11	20	12- 2	11	285	240	214	189	181
RUSHVILLE	98	8-19	-20	2- 9	3-15	13	-		-		-		4-10	31	10- 5	32	10-13	25	11- 7	21	11-11	19	12- 2	9	262	-	-	-	178
* * *																													
CENTRAL 04																													
CHENOA	94	6-20+	-20	1-15	3-15	11	4- 6	19	4-10	24	4-10	24	4-10	24	10-10	32	10-14	26	10-26	21	11-11	13	11-11	13	241	219	199	187	183
DECATUR	96	6-19	-16	2- 9+	3-15	14	3-25	20	4- 6	21	4-10	26	5-26	31	10-10	28	10-10	28	10-14	22	11-11	14	11-11	14	241	231	191	183	137
FARMER CITY	93	8- 8+	-18	2- 5+	3-15	13	4- 6	20	4- 6	20	4-10	27	4-10	27	10-10	28	10-10	28	11- 7	24	11-11	18	12- 2	12	262	219	215	183	183
HAVANA 4 NNE	97	6-20	-26	1-15	3-16	16	3-25	19	4- 7	24	4-10	28	4-10	28	10- 7	32	10-14	22	10-14	22	11-11	16	11-11	16	240	231	190	187	180
LACON 2 E	95	8- 7	-21	2- 5	3-15	9	4- 6	18	4- 6	18	4-10	25	4-10	25	10-13	26	10-13	28	10-26	21	11-11	15	11-11	15	241	219	203	186	186
LINCOLN	95	6-20	-15	1-15	3-15	13	3-25	18	4- 6	21	4- 6	21	4-10	29	10-13	28	10-13	28	11- 4	24	11-11	18	12- 2	13	262	231	212	190	186
MASON CITY 1 NW	95	6-20	-20	1-15	3-15	14	3-15	14	4- 6	21	4- 6	21	4-10	30	10-13	25	10-13	25	10-14	24	11-11	17	12- 2	12	262	241	191	190	186
MINONK	97	8- 8	-22	2- 5+	3-16	12	4- 6	18	4- 7	24	4- 8	28	4-10	32	10- 7	31	10-13	28	11- 4	24	11-11	18	12- 2	14	261	219	211	188	180
NORMAL	93	6-21+	-21	1-15	3-15	12	4- 6	20	4- 6	20	4-10	25	4-10	25	10-10	31	10-13	27	11- 2	23	11-11	16	11-11	16	241	219	210	186	183
PEORIA WSO AP	94	8- 7	-22	1-15	3-15	12	4- 6	20	4- 6	20	4- 6	20	4-10	29	10- 5	31	10-13	26	11- 2	24	11-10	18	11-11	15	241	218	210	190	178
PRINCEVILLE	92	8- 8+	-22	2- 5+	4- 6	16	4- 6	16	4- 6	16	4-10	27	4-10	27	10- 5	32	10-13	25	10-26	24	11-11	15	11-11	15	219	219	203	186	178
* * *																													
EAST 05																													
DANVILLE	93	8- 8	-18	2- 5	3-15	16	3-26	18	4- 7	24	4-10	25	4-10	25	10-10	29	10-14	26	10-26	24	11-11	20	12- 2	14	262	230	202	187	183
HOOPESTON 1 NE	92	8- 5	-17	2- 5	3-15	14	4- 6	20	4- 7	24	4-10	26	4-10	26	10-10	31	10-13	28	10-26	23	11-11	18	12- 2	12	262	219	202	186	183
KANKAKEE WTR POLL CTR	92	6- 7	-21	2- 5	3-16	12	4- 9	20	4- 9	20	4-10	25	4-11	32	10-13	28	10-13	28	11-11	24	11-30	20	12-16	16	275	235	216	186	185
PIPER CITY 3 SE	95	6- 6	-20	1-15	3-15	13	4- 6	20	4- 6	20	4-10	27	5- 1	32	10-10	30	10-13	28	10-26	22	11-11	16	11-11	16	241	219	203	186	162
PONTIAC	94	8- 7	-18	2- 5+	3-15	12	4- 6	19	4- 6	19	4-10	28	4-10	28	10-10	32	10-13	28	10-26	24	11-11	16	11-11	16	241	219	203	186	183
RANTOUL	94	8- 7		-	3-26	11	3-26	11	4- 6	24	4- 9	25	4-10	32	10- 5	32	10-14	26	11-10	22	11-11	18	12-15	15	264	230	218	188	178
URBANA	92	8- 6+	-14	1-15	3-15	15	3-25	18	4- 6	21	4- 6	21	4-10	29	10-13	30	11-10	27	11-11	22	11-29	20	12- 2	13	262	249	219	218	186
WATSEKA 2 NW	90	6-16+	-20	2- 9	3-16	14	4- 7	20	4- 7	20	4-11	28	4-11	28	10-10	30	10-13	25	10-26	22	10-27	20	12- 2	10	261	203	202	185	182
* * *																													
WEST SOUTHWEST 06																													
ALTON DAM 26	96	8- 9+	-11	2- 9	3-11	7	3-16	20	3-26	23	4- 7	27	4- 7	27	10-14	32	11-11	21	11-11	21	11-30	20	12- 2	15	266	259	230	218	190
CARLINVILLE	95	8- 6+	-15	2- 9	3-15	16	3-26	20	4- 6	24	4- 6	24	4-10	31	10-10	30	10-13	27	10-14	24	11-11	15	11-11	15	241	230	191	190	183
GRIGGSVILLE	100	8- 7	-16	2- 9	3-15	14	3-25	20	4- 6	23	4- 6	23	4- 7	32	10-13	27	10-13	27	11- 7	24	11-11	18	12- 2	11	262	231	215	190	189
HILLSBORO	100	6-16	-14	2- 9	3-11	12	3-25	20	4- 6	24	4- 6	24	4-10	31	10-10	28	10-10	28	10-14	24	11-11	20	11-14	13	248	231	191	187	183
JACKSONVILLE 2 E	96	8-19	-15	2-10+	3-16	15	3-26	20	4- 7	23	4- 7	23	4-11	32	10- 7	32	10-14	24	10-14	24	11-11	18	12- 2	11	261	230	190	190	179
JERSEYVILLE 2 SW	98	7-15	-22	2- 9	3-11	16	3-25	19	3-26	21	4- 7	28	4- 7	28	10- 5	26	10- 5	26	10-10	23	10-14	20	11-11	16	245	203	198	181	181

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
MORRISONVILLE		-		-	-		-		-		-		-		-		-		-		11- 7	19	12- 2	12	-	-	-	-	-
PANA	92	6-20	-14	1-15	3-11	12	3-25	20	4- 6	23	4- 6	23	4-10	29	10-13	29	11- 7	28	11-11	22	11-30	19	12- 2	15	266	250	219	215	186
SPRINGFIELD WSO AP	97	6-19	-20	2- 9	3-15	15	3-25	20	4- 6	23	4- 6	23	4-10	31	10-10	29	10-13	27	11-10	24	11-11	20	12- 2	12	262	231	218	190	183
VIRDEN 1 N	94	8- 6+	-18	2- 9	3-15	14	3-25	18	4- 6	21	4- 6	21	4-10	31	10-10	29	10-13	26	11- 7	20	11- 7	20	11-11	16	241	227	215	190	183
WHITE HALL 1 E	95	7-14+	-18	2- 9	3-15	16	3-15	16	3-26	23	4- 6	25	4- 7	32	10-10	31	10-13	28	11- 7	22	11-11	18	12- 2	12	262	241	226	190	186
* * *																													
EAST SOUTHEAST 07																													
CHARLESTON	92	8- 8+	-14	2- 9	3-15	16	3-25	19	4- 6	23	4-10	27	4-10	27	10-10	30	10-14	26	11-11	20	11-11	20	12- 2	14	262	231	219	187	183
EFFINGHAM 3 W	91	8- 9+	-17	1-15	3-12	15	3-16	19	4- 6	24	4- 8	25	4-10	29	10-10	28	10-10	28	10-14	24	11-11	19	12- 2	15	265	240	191	185	183
FLORA 5 NW	96	8- 5	-14	1-15	3-11	15	3-16	19	3-25	23	4- 7	28	5- 5	31	10-10	28	10-10	28	10-14	22	11- 4	20	11-11	16	245	233	203	186	158
MATTOON	93	8- 6	-11	2- 9+	3-11	11	3-25	20	4- 6	23	4- 6	23	4-10	29	10-10	32	10-14	27	11-11	22	11-30	20	12- 2	15	266	250	219	191	183
MOWEAQUA	94	7-13+	-14	1-17	3-11	10	3-26	20	4-10	24	4-10	24	4-10	24	10-10	27	10-10	27	10-14	23	11-11	15	11-11	15	245	230	187	183	183
NEWTON 6 SSE	95	8- 7	-14	2- 5	3-12	15	3-16	19	3-26	22	4- 7	27	4-10	30	10-10	29	10-14	24	10-14	24	12- 2	16	12- 2	16	265	261	202	190	183
OLNEY 2 S	94	8- 8	-13	2-19	3-11	11	3-15	20	3-25	22	4- 7	28	4-10	31	10-10	29	10-14	24	10-14	24	11-14	19	12- 3	16	267	244	203	190	183
PALESTINE	94	8- 6	-12	2- 9	3-11	14	3-15	20	3-25	22	4- 6	25	4-10	30	10-10	31	10-14	27	11-11	24	12- 2	16	12- 2	16	266	262	231	191	183
PARIS WATERWORKS	92	8- 8+	-17	2- 5	3-11	9	3-25	20	4- 6	23	4-10	28	4-10	28	10-10	28	10-10	28	11-11	21	11-14	19	12- 2	11	266	234	219	183	183
SALEM	95	8- 8+	-11	1-15	3-11	16	3-15	19	3-26	23	4- 6	27	4- 7	32	10-10	31	11- 4	27	11-11	22	12- 2	16	12- 2	16	266	262	230	212	186
TUSCOLA	94	8- 7+	-16	2- 5	3-15	16	3-25	20	4- 6	22	4- 6	22	4-10	29	10-10	31	10-14	26	-		-		12- 2	14	262	-	-	191	183
VANDALIA 3 SW	95	8-20+	-12	2- 9+	3-15	16	3-25	20	-		-		-		-		-		10-14	22	-		12-17	5	246	-	-	-	-
WINDSOR	92	8- 8+	-17	2- 9	3-15	15	3-25	18	4- 6	21	4-10	28	4-10	28	10-10	32	10-26	26	11-11	19	11-11	19	12- 2	14	262	231	219	199	183
* * *																													
SOUTHWEST 08																													
ANNA 1 E	95	8- 6	- 6	1-15	2-27	15	3-11	18	3-26	23	4- 6	28	4- 6	28	10-14	31	11-11	22	11-11	22	12- 2	17	12- 3	15	279	266	230	219	191
BELLEVILLE SO ILL UNIV	95	7-15+	-18	1-15	2-20	16	3-16	20	3-25	23	4- 6	26	4- 7	32	10- 5	31	10-10	27	10-14	24	11- 4	20	12-14	15	297	233	203	187	181
CAHOKIA	97	7-15	-12	1-15	2-19	15	3-15	20	4- 7	24	4- 7	24	4- 7	24	10-10	29	10-14	27	11- 7	22	11-13	19	12- 1	15	285	243	214	190	186
CAIRO WSO CI	98	8- 7	3	2- 9	2-10	10	2-19	17	3-11	24	3-15	27	3-26	31	11-11	31	11-29	28	12- 2	23	12-16	17	12-17	13	310	300	266	259	230
CARBONDALE SEWAGE PL	94	8- 7	-11	1-15	2-28	10	3-11	19	3-26	21	3-26	21	4- 7	30	10- 7	32	10-14	25	11- 3	23	11-11	20	12- 2	12	277	245	222	202	183
CARLYLE RESERVOIR	95	7-16	-12	2- 9	2-20	- 2	3-15	19	3-26	23	4- 7	27	4-10	30	10-10	31	11-10	28	11-11	21	11-30	19	12- 2	9	285	260	230	217	183
DU QUOIN 4 SE	101	7-15	- 9	1-15	2-27	14	3-11	19	3-26	24	4- 6	28	4- 6	28	10-10	30	10-13	28	10-14	24	11-11	20	12- 3	15	279	245	202	190	187
KASKASKIA R NAV LOCK	99	8- 7	-11	2- 9	2-27	15	3-12	20	4- 6	24	4- 6	24	4- 7	29	10-10	31	11- 3	28	11-11	23	11-29	20	12- 2	12	278	262	219	211	186
MARION 4 NNE	96	8- 7	- 8	2-10+	2-28	6	3-12	20	3-26	23	3-27	26	4- 7	30	10-10	31	10-14	26	11-11	23	11-14	20	12- 2	15	277	247	230	201	186
NASHVILLE 4 NE	95	6-20+	- 9	2- 9+	2-26	16	3-15	19	3-25	23	4- 6	27	4- 7	32	10-24	31	11-11	22	11-11	22	11-30	20	12- 2	15	279	260	231	219	200
SPARTA	98	7-15+	-10	2- 9	2-19	8	3-11	19	3-25	22	4- 6	27	4- 6	27	10-10	31	11- 7	26	11-11	20	11-11	20	12- 2	15	286	245	231	215	187
WATERLOO	95	7-15+	-12	1-15	2-19	8	3-15	18	3-26	24	4- 6	27	4- 7	31	10-10	30	11- 7	26	11-10	22	11-11	20	12- 2	11	286	241	229	215	186
* * *																													
SOUTHEAST 09																													
ALBION		-	- 7	2- 9+	3-11	15	3-15	20	3-26	24	4- 6	27	4-28	30	10-14	30	11-12	25	11-29	21	12- 2	18	12-17	7	281	262	248	220	169
BROOKPORT DAM 52	96	8- 7	- 4	2- 9	2-19	9	2-27	19	3-26	24	3-26	24	4- 6	30	10-10	32	10-14	28	11-14	24	12- 2	15	12- 2	15	286	278	233	202	187
DIXON SPRINGS AGR C	94	8- 8+	- 7	2- 9	2-27	12	3-16	20	3-26	21	4- 6	28	4- 6	28	10-10	32	10-14	25	11-14	21	11-30	20	12- 3	14	279	259	233	191	187
FAIRFIELD RADIO WFIW	95	8- 6	- 8	1-15	3-11	15	3-16	20	3-25	23	4- 6	27	4- 7	29	10-10	30	10-14	25	11-11	21	12- 2	14	12- 2	14	266	261	231	191	186
HARRISBURG	96	8- 8+	-10	1-15	2-27	11	3-11	19	3-26	23	3-26	23	4- 6	30	10-14	28	10-14	28	11-14	22	12- 2	18	12-17	9	293	266	233	202	191
MC LEANSBORO 2 ENE	94	8- 9+	-11	1-15	2-27	14	3-12	20	3-26	22	4- 7	28	4- 7	28	10-14	27	10-14	27	11-14	22	12- 2	17	12- 3	16	279	265	233	190	190
MT CARMEL	96	8- 7	- 7	1-15	3-11	15	3-12	18	3-26	24	4- 6	28	4- 7	29	10-14	30	11-11	26	11-29	23	12- 2	18	12-17	8	281	265	248	219	190
MT VERNON 3 NE	95	8-20+	-13	1-15	2-27	8	3-16	19	3-26	22	4- 6	27	4- 7	31	10-10	29	10-14	24	10-14	24	11-11	20	12- 1	16	277	240	202	191	186
RENO LAKE DAM	95	8- 9	- 8	2- 9	2-27	15	3-11	18	3-26	24	4- 6	28	4- 7	30	10-10	31	10-14	27	11-14	24	12- 2	17	12-17	6	293	266	233	191	186
ROSICLARE	92	8- 6	- 5	1-15	2-27	16	3-11	19	3-25	22	3-25	22	4- 6	29	-		-		11-14	23	12- 2	18	12- 3	15	279	266	234	-	-
* * *																													
STATE EXTREMES																													
DU QUOIN 4 SE		101	7-15																										
MOUNT CARROLL				-29	1-11																								
ANTIOCH 2 NW					1-12+																								
MARENGO					1-11																								

See Reference Notes Following Station Index

SOIL TEMPERATURES

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
URBANA	(IN)																											
	4		30.2	34 26	32.0	33 30	39.4	54 32	51.2	64 39	-	- -	74.4	87 63	75.4	85 65	-	- -	70.4	79 60	56.6	75 45	44.9	56 36	37.2	47 29	-	- 26
	8		33.4	37 32	33.1	34 33	40.3	51 34	52.0	61 44	-	- -	72.9	80 67	75.0	81 69	-	- -	70.4	77 64	59.3	70 52	48.4	58 42	40.1	45 35	-	- 32

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * NORTHWEST 01														
HENNEPIN POWER PLANT	EVAP	-	-	-	-	-	6.29B	8.99B	7.15B	5.94B	-	-	-	-
	WIND	-	-	-	-	1685	1232	668	983	725	1558B	-	-	-
	MAX	-	-	-	-	72.8	87.7	93.4	91.9	86.4	66.4	-	-	-
	MIN	-	-	-	-	49.5	60.8	66.4	66.4	56.5	44.3	-	-	-
* * * EAST 05														
URBANA	EVAP	-	-	-	-	5.77	7.21	6.06B	-	-	2.39B	-	-	-
	DEP	-	-	-	-	.40	.89	.48	-	-	.85	-	-	-
	WIND	-	-	-	-	1599B	1441	776	926	785	1421	-	-	-
	MAX	-	-	-	61.1	76.7	85.9	87.1	86.2	80.6	61.5	-	-	-
	MIN	-	-	-	41.4	46.7	58.0	60.8	63.1	53.2	42.5	-	-	-
* * * WEST SOUTHWEST 06														
SPRINGFIELD WSO AP	EVAP	-	-	-	4.40B	8.14	9.44	8.18	7.41	6.36	4.27	-	-	-
	WIND	-	-	-	3212B	2649	2046	1528	1448	1157	2693	-	-	-
	MAX	-	-	-	66.7	80.2	89.0	89.5	90.2	84.0	67.3	-	-	-
	MIN	-	-	-	45.1	53.4	63.0	67.9	65.7	57.2	47.0	-	-	-
* * * SOUTHWEST 08														
CARLYLE RESERVOIR	EVAP	-	-	-	4.13B	6.72	8.67	8.18B	7.26	5.80	4.73	-	-	-
	WIND	-	-	-	2561B	2301	2082	1825	1665	1435	2423	-	-	-
	MAX	-	-	-	63.3	77.0	85.8	90.4	89.1	82.6	66.0	-	-	-
	MIN	-	-	-	44.2	51.2	62.7	66.7	66.7	55.8	44.2	-	-	-

See Reference Notes Following Station Index

STATION INDEX

ILLINOIS
1979

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ALBION	0055	09	EDWARDS	7	38 23	88 03	530	28	67				1 2 3
ALEDO	0072	01	MERCER	4	41 13	90 45	720	78	80				1 2 3
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673						C
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	29	35				1 2 3
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	84	105				1 2 3
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	59	59				1 2 3
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746						C
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570						C
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680						C
AURORA	0338	02	KANE	1	41 45	88 21	644	99	109				1 2 3
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		29				2
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	17	17				1 2 3
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		78				2
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR	2	38 30	89 51	450	56	56				1 2 3 C
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815						C
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		28				2
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		76				2
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		75				2
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		39				2
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	18	53				1 2 3
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	11	11				1 2 3
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	107	108				1 2 3 C
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		39				2
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	74	85				1 2 3
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	88	88				1 2 3
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621						C
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	17	17	17			1 2 34C
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		56				2
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		56				2
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		38				2
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	89	99				1 2 3
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	29	34				1 2 3
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		88				2
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640						C
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647						C
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	21	21				1 2 3 C
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659						C
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611						C
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600						C
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	64	108				1 2 3 C
CHGO MIDWAY WSCMO AP R	1577	02	COOK	3	41 47	87 45	627	51	51				1 2 3 C
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		39				2
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454						C
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		33				2
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		69				2
COULTERVILLE 1 SSW	1944	08	RANDOLPH	2	38 11	89 36	510						C
CRETE	2011	02	WILL	3	41 27	87 38	664						C
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	76	79				1 2 3 C
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		30				2
DECATUR	2193	04	MACON	1	39 50	89 01	620	87	91				1 2 3
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	87	98				1 2 3
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		3				2 C
DIXON 3 W	2348	01	LEE	6	41 50	89 32	690	88	89				1 2 3
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	13	13				1 2 3 C
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794						C
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	87	90				1 2 3
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800						C
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		80				2
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	79	81				1 2 3 C
ELGIN	2736	02	KANE	1	42 02	88 20	880	5	72				1 2 3
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	691						C
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	85	89				1 2 3
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	18	18				1 2 3 C
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	89	105				1 2 3 C
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	7	38				1 2 3 C
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	37	43				1 2 3 C
GALENA 1 N	3312	01	JO DAVIESS	4	42 25	90 26	800		59				2
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	28	84				1 2 3
GALVA	3335	01	HENRY	1	41 10	90 03	855	86	103				1 2 3
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	67	67				1 2 3
GENESEO	3384	01	HENRY	6	41 27	90 10	639	23	81				1 2 3
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655		45				2
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		43				2
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		98				2 C
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	17	90				1 2 3
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		83				2
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		39				2
GREENFIELD	3666	06	GREENE	1	39 21	90 13	560		35				2 C
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		37				2
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		96				2

See Reference Notes Following Station Index

STATION INDEX

ILLINOIS
1979

Station	Index No.	Division No.	County	Drainage ‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	92	97				1 2 3
HARRISBURG	3879	09	SALINE	5	37 44	88 32	366	81	81				1 2 3
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		75				2 C
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	87	94				1 2 3
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	17	17	17			1 2 3 4
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	83	84				1 2 3
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	77	77				1 2 3 C
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		34				2 C
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		43				2 C
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	85	86				1 2 3 C
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	36	36				1 2 3
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	37	88				1 2 3
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	7	7				1 2 3 C
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	6	6				1 2 3 C
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		48				2
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	40	40				1 2 3 C
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		7				2
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	26	26				1 2 3
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	84	84				1 2 3
LANARK	4879	01	CARROLL	4	42 06	89 50	870						C
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 44	87 41	442		37				2
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	91	91				1 2 3
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		39				2
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		74				2
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	124	124				1 2 3
MARIETTA	5334	03	FULTON	1	40 30	90 23	640						C
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	84	84				1 2 3
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720						C
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		38				2
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	18	18				1 2 3 C
MATTOON	5430	07	COLES	7	39 28	88 20	718	32	32				1 2 3
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		5				2 C
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	95	97				1 2 3
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		37				2
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	85	85				1 2 3
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	46	48				1 2 3 C
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	86	86				1 2 3
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		16				2
MORRIS	5820	02	GRUNDY	1	41 21	88 26	490		28				2
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	83	83				1 2 3
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630						1 2 3 C
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	104	104				1 2 3 C
MOUNT CARROLL	5901	01	CARROLL	4	42 05	89 59	700	89	89				1 2 3
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		49				2
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	635		49				2
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		36				2
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	83	84				1 2 3
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	17	17				1 2 3
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550						C
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	18	78				1 2 3
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		43				2
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	35	58				1 2 3 C
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680						C
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	86	88				1 2 3
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	91	92				1 2 3
OREGON	6490	01	OGLE	6	42 00	89 20	690						C
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	91	106				1 2 3
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	515	96	97				1 2 3
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	89	92				1 2 3
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730						C
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	87	89				1 2 3
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	27	27				1 2 3
PAW PAW	6661	01	LEE	1	41 41	88 59	895	18	66				1 2 3
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		31				2
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	652	39	39				1 2 3 C
PEOTONE	6725	02	WILL	1	41 20	87 48	722		39				2
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	17	17				1 2 3
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		8				2
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	44	67				1 2 3 C
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670						C
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	80	81				1 2 3
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		26				2 C
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	18	50				1 2 3
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610						C
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	28	36				1 2 3
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	3	43				1 2 3 C
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		49				2
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	28	60				1 2 3 C
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		33				2
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	6	6				1 2 3 C

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	2	2				1 2 3
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		99				2
ROCKFORD WSO AP R	7382	01	WINNEBAGO	6	42 12	89 06	724	29	29				1 2 3 C
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	31	37				1 2 3
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	86	88				1 2 3
SAINTE MARIE	7603	07	JASPER	7	38 56	88 01	500		33				2
SALEM	7636	07	MARION	2	38 38	88 57	550	21	64				1 2 3
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		69				2
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655						C
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		34				2
SPARTA	8147	08	RANDOLPH	4	38 08	89 43	520	92	92				1 2 3 C
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 50	89 40	588	43	43	14			1 2 34C
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	32	35				1 2 3
STREATOR 2 ENE	8353	02	LA SALLE	1	41 08	88 48	650		75				2
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	645						C
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	17	95				1 2 3
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	32	86				1 2 3
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	76	76	33			1 2 34CG
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		38				2
VANDALIA 3 SW	8781	07	FAYETTE	2	38 55	89 08	520	7	10				1 2 3 C
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	32	38				1 2 3
VIRGINIA	8870	06	CASS	1	39 57	90 13	620		17				2
WALNUT	8916	01	BUREAU	6	41 34	89 35	760	87	87				1 2 3
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730						C
WATERLOO	9002	08	MONROE	4	38 20	90 09	650	18	67				1 2 3
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790						C
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	32	88				1 2 3
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	56	56				1 2 3
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		32				2
WENONA	9090	04	MARSHALL	1	41 04	89 04	685						C
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445						C
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	30	51				1 2 3
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	88	110				1 2 3
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	79	80				1 2 3
YATES CITY	9816	03	KNOX	1	40 47	90 01	675						C

See Reference Notes Following Station Index

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

DAILY SOIL TEMPERATURES TABLES: Included are all soil temperature stations with any data published for the calendar year, whether or not opened or closed during the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and degree of slope.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record.
+	Also on earlier date (dates) or months.
*	Amount included in following measurement.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Amount is wholly or partially estimated.
M	One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
R	Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

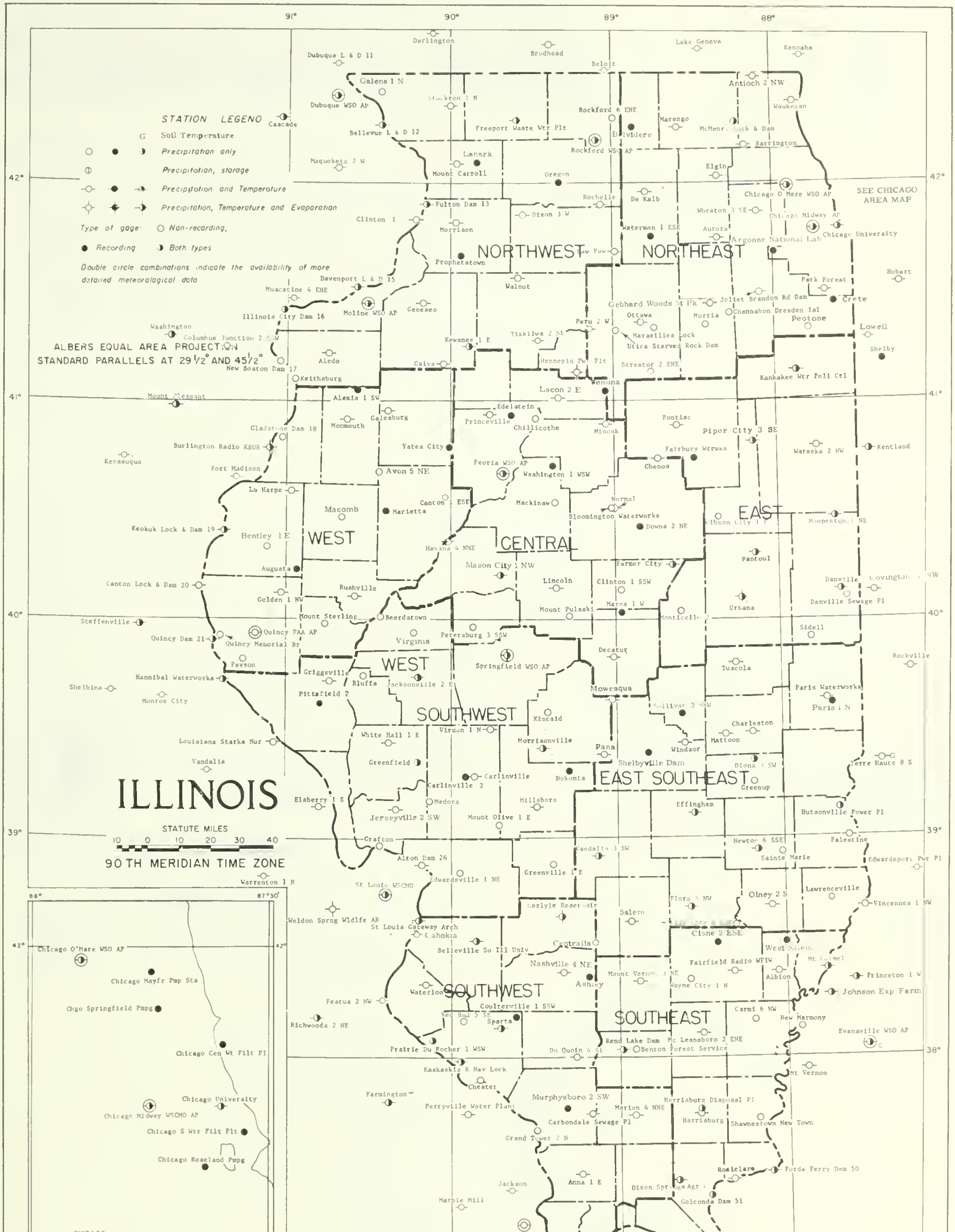
#	Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
‡	DRAINAGE CODE: 1-ILLINOIS 2-KASKASKIA 3-LAKE MICHIGAN 4-MISSISSIPPI 5-OHIO 6-ROCK 7-WABASH
C	Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
G	Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1340


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
⦶ Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
STATUTE MILES
10 0 10 20 30 40
90TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Dubuque L & D 11
Brodhead
Lake Geneva
Kenosha
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Marengo
Bellevue L & D 12
Freeport Waste Wtr Plt
Belvidere
McHenry Lock & Dam
Rockford WSO AP
Barrington
Lanark
Maquoketa 2 W
Mount Carroll
Elgin
Oregon
Chicago O'Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Dixon 3 W
Wheaton 3 SE
Clinton 1
Aurora
Chicago Midway AP
Morrison
Waterman 1 ESE
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Davenport L & D 15
Walnut
Hobart
Muscatine 4 ENE
Park Forest
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Illinois City Dam 16
Moline WSO AP
Geneseo
Ottawa
Morris
Channahon Dresden Isl
Peotone
Washington
Peru 2 W
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Kewanee 1 E
Tiskilwa 2 SE
Utica Starved Rock Dam
Shelby
Aledo
New Boston Dam 17
Hennepin Pwr Plt
Galva
Streator 2 ENE
Kankakee Wtr Poll Ctl
Keithsburg
Wenona
Alexis 1 SW
Lacon 2 E
Mount Pleasant
Edelstein
Galesburg
Princeville
Chillicothe
Minonk
Pontiac
Gladstone Dam 18
Monmouth
Piper City 3 SE
Kentland
Burlington Radio KBUR
Yates City
Fairbury Wtrwks
Watseka 2 NW
Keosauqua
Chenoa
Peoria WSO AP
Fort Madison
Avon 5 NE
Washington 1 WSW
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Gibson City 1 E
Hoopeston 1 NE
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Augusta
Mason City 1 NW
Farmer City
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Canton Lock & Dam 20
Rushville
Golden 1 NW
Urbana
Danville Sewage Pl
Maroa 1 W
Mount Pulaski
Monticello 2
Steffenville
Mount Sterling
Beardstown
Sidell
Quincy Dam 21
Quincy FAA AP
Virginia
Petersburg 3 SSW
Quincy Memorial Br
Springfield WSO AP
Decatur
Rockville
Payson
Griggsville
Tuscola
Hannibal Waterworks
Bluffs
Jacksonville 2 E
Moweaqua
Paris Waterworks
Shelbina
Pittsfield 2
Paris 1 N
Monroe City
Sullivan 3 SSW
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Morrisonville
Windsor
Mattoon
Louisiana Starks Nur
Pana
Vandalia
Greenfield
Shelbyville Dam
Diona 1 SW
Terre Haute 8 S
Carlinville
Nokomis
Greenup
Carlinville 2
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SSW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
Flora 5 NW
Olney 2 S
Lawrenceville
St Louis WSCMO
Carlyle Reservoir
Salem
Vincennes 1 NW
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Cahokia
Cisne 2 ESE
West Salem
Belleville So Ill Univ
Centralia
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Ashley
Mount Vernon 3 NE
Albion
Johnson Exp Farm
Waterloo
Wayne City 1 N
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
New Harmony
Richwoods 2 NE
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Mt Vernon
Kaskaskia R Nav Lock
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Harrisburg
Carbondale Sewage Pl
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam 50
Anna 1 E
Jackson
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Paducah FAA AP
Advance 1 S
Cairo WSO CI
Lovelaceville
Charleston
88°
87°30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE

JANUARY 1980 VOLUME 85 NUMBER 1

DEPARTMENT OF COMMERCE UNITED STATES OF AMERICA

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	8 STATIONS	62	DATE 17+
LOWEST TEMPERATURE:	2 STATIONS	-7	DATE 31+
GREATEST TOTAL PRECIPITATION:	RENO LAKE OAM	2.20	
LEAST TOTAL PRECIPITATION:	BLOOMINGTON WATERWORKS	.25	
GREATEST 1 OAY PRECIPITATION:	DIXON SPRINGS AGR C	1.33	DATE 11
GREATEST TOTAL SNOWFALL:	ANTIOCH 2 NW	8.6	
GREATEST OEPTH OF SNOW OR ICE:	MORRISONVILLE	8	DATE 31

SUPPLEMENTAL DATA

	WINO (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT OIRECTION	RESULTANT SPEEO	AVERAGE	FASTEST MILE	OIRECTION OF FASTEST MILE	OATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 ANO OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	34	S	11	-	-	-	-	3	3	4	0	1	0	11	30	-
CHICAGO O HARE WSO AP	27	5.1	11.1	37++	27	11	76	77	70	73	9	9	5	0	0	0	23	-	7.6
MOLINE WSO AP	28	4.4	11.9	36++	28	11+	75	77	67	71	8	11	2	1	0	0	22	34	7.1
PEORIA WSO AP	27	2.2	9.3	35++	29	11	82	83	71	78	9	10	2	0	0	0	21	43	7.6
ROCKFORD WSO AP	27	4.2	11.2	40++	27	11	81	82	73	75	14	4	4	0	0	0	22	-	7.3
SPRINGFIELO WSO AP	29	2.6	11.8	32++	30	11+	76	77	66	70	9	9	2	0	0	0	20	47	7.5

CLEMSON UNIVERSITY LIBRARY
MAY 6 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JANUARY 1980

STATION	TEMPERATURE														PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW										
* * *																								
NORTHWEST 01																								
ALEDO	31.8	15.4	23.6	.7	53	16	- 2	31	1277	0	0	16	29	2	1.00	- .52	.66	16				1	1	0
DIXON 3 W	28.9	13.5	21.2	- .8	51	11	- 3	29	1348	0	0	22	29	2	.83	- .73	.23	17+	2.3	2	31	3	0	0
FREEPORT WASTE WTR PLT	29.0	13.0	21.0		51	11	- 2	29	1357	0	0	20	29	2	1.37		.66	17	4.0	2	31+	4	1	0
FULTON DAM 13	29.7	15.6	22.7	.9	53	11	2	30	1304	0	0	18	29	0	1.17	- .29	.46	16	2.6	1	31+	2	0	0
GALVA	29.9	16.2	23.1	.0	52	17+	1	31	1295	0	0	22	30	0	.70	- .88	.16	17	2.5	1	31+	3	0	0
GENESEO	30.2	16.9	23.6		53	16+	3	31	1275	0	0	19	30	0	.94	- .61	.36	16	4.4	1	31+	3	0	0
HENNEPIN POWER PLANT	31.9	15.8	23.9		56	11	4	30+	1268	0	0	16	29	0	1.73					1	23			
KEWANEE 1 E	30.7M	14.9	22.8M	- .3	54	11	- 1	31	1296	0	0	20	30	2	.65	- 1.15	.22	16		3	31	2	0	0
MOLINE WSO AP R	30.7	16.0	23.4	1.9	54	16	- 3	31	1280	0	0	17	30	1	1.31	- .35	.64	16	4.2	1	31+	3	1	0
MORRISON	30.0	14.1	22.1	.2	52	11	0	29	1326	0	0	18	30	1	1.53	- .11	.48	16	2.6	2	31	4	0	0
MOUNT CARROLL	29.0	10.8	19.9	- 1.0	52	11	- 5	31	1391	0	0	20	29	5	1.45	- .20	.62	16		2	31+	4	1	0
PAW PAW	29.1	13.4	21.3		50	17+	- 2	30	1349	0	0	21	30	3	.74	- 1.02	.30	17		3	31+	3	0	0
ROCHELLE	29.0	13.8	21.4		52	11	- 4	29	1344	0	0	22	30	3	.75		.27	17		2	31	3	0	0
ROCKFORD WSO AP //R	26.8	11.7	19.3	- .9	50	11	- 6	29	1411	0	0	23	30	5	1.02	- .77	.41	16	5.1	2	29+	4	0	0
STOCKTON 1 N	27.1	11.7	19.4		51	11	- 5	29	1407	0	0	21	29	7	1.48		.78	16	2.7	2	31	2	1	0
TISKILWA 2 SE	31.3	16.8	24.1		54	11	2	31	1260	0	0	18	30	0	.36	- 1.29	.09	24	1.9	1	31+	0	0	0
WALNUT	31.2	15.2	23.2	.5	52	11	- 3	31	1288	0	0	15	30	2	.89	- .67	.22	16		2	31+	5	0	0
DIVISION			22.1	.4											1.05	- .58			3.2					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	29.3	12.0	20.7	- .8	52	12	- 5	30	1370	0	0	20	30	6	1.17	- .61	.37	17	8.6	3	31+	3	0	0
AURORA		14.8M	M				- 2	29+			0		30	2	1.22	- .66	.48	17	3.1	2	31+	3	0	0
BARRINGTON	30.5	12.9	21.7		52	12+	- 2	30+	1336	0	0	19	30	3						2	5		0	0
CHICAGO O'HARE WSO AP R	31.0	15.8	23.4	.5	56	16	0	29+	1281	0	0	17	29	2	1.04	- .66	.24	16	6.2	2	31	5	0	0
CHICAGO UNIVERSITY //	32.4	19.7	26.1	.7	56	11	2	29	1201	0	0	14	28	0	.98	- .87	.23	7	6.4	5	31	5	0	0
CHICAGO MIDWAY AP //R	31.6	15.6	23.6	- .7	54	17+	0	29+	1274	0	0	15	30	2			.25	17				2	0	0
DE KALB	29.5	14.7	22.1	1.2	52	11	- 4	28	1322	0	0	19	30	2	.84	- .96	.30	16	4.9	2	31+	3	0	0
ELGIN	28.5	12.8	20.7		51	11	- 7	30	1368	0	0	22	29	4	.98	- .79	.33	17				3	0	0
GEBHARD WOODS ST PARK	29.6M	14.1	21.9M		54	11	- 3	28	1326	0	0	19	29	4	.59		.14	24	4.2	4	31	2	0	0
JOLIET BRANDON RD DAM	31.1	14.1	22.6	- 1.3	54	12	- 3	30+	1305	0	0	15	31	3	.45	- 1.19	.12	7				1	0	0
MARENGO	28.7	12.0	20.4	- .1	51	11	- 4	29	1374	0	0	20	29	5	0 .73	- 1.06	.23	17		1	31+	2	0	0
OTTAWA	33.0	17.7	25.4	.7	53	11	- 1	29	1223	0	0	13	30	1	.62	- 1.17	.17	16	3.7	2	31+	3	0	0
PARK FOREST	31.2	16.0	23.6		54	11	- 1	29+	1278	0	0	17	29	2	0 .91	- .86	.25	17	4.6	4	31	3	0	0
PERU 2 W	31.7	16.8M	24.3M	.2	54	16	0	31+	1263	0	0	18	29	2	.51	- 1.32	.36	16				1	0	0
WAUKEGAN	28.9	13.2	21.1	- 1.4	52	12+	- 5	30	1352	0	0	20	30	5	0 1.34	- .62	0 .25	31	8.0			7	0	0
WHEATON 3 SE	30.9	15.4	23.2		52	11	- 5	28	1292	0	0	17	29	2	.63	- 1.31	.22	6	7.0			2	0	0
DIVISION			22.7	- .6											.86	- .95			5.7					
* * *																								
WEST 03																								
GALESBURG	31.3	16.7	24.0		54	16	- 4	31	1262	0	0	20	29	1	.60	- 1.23	.19	17	2.4	2	31	2	0	0
GOLDEN 1 NW	34.5	20.5	27.5		57	16	- 7	31	1156	0	0	14	28	1	.70	- 1.02	.21	16	2.0			4	0	0
LA HARPE	33.7	18.0	25.9	1.2	57	16	- 4	31	1205	0	0	15	29	1	.77	- 1.04	.42	16	5.0	3	31	2	0	0
MONMOUTH	32.0	18.7	25.4	1.6	53	16	- 1	31	1220	0	0	18	29	1	.69	- 1.22	.37	16	2.5	2	31+	2	0	0
QUINCY FAA AP	33.5	21.6	27.6		58	16	- 6	31	1153	0	0	17	29	1	.89	- .72	.26	30	3.6	4	31	4	0	0
QUINCY DAM 21 //	34.8	20.5	27.7		58	17	0	31	1150	0	0	12	29	1	.87	- .80	.24	16		5	31	4	0	0
RUSHVILLE	34.4	20.2	27.3	1.1	58	16	- 3	31	1165	0	0	11	29	1	.93	- .79	.18	24	3.8	3	27	5	0	0
DIVISION			26.5	1.2											.78	- .97			3.2					
* * *																								
CENTRAL 04																								
CHENOA	32.8	17.3	25.1		54	11	3	31	1229	0	0	16	30	0	.57		.22	13	1.9			3	0	0
DECATUR	35.6	19.2	27.4	- .6	56	11	2	31	1158	0	0	10	29	0	.67	- 1.43	.20	25	3.0	3	31+	2	0	0
FARMER CITY	33.9	18.5	26.2		54	11	3	31	1196	0	0	13	28	0	.59		.28	17	2.0	2	31	1	0	0
HAVANA 4 NNE																								
LACON 2 E	33.1	16.9	25.0		55	16+	0	31	1230	0	0	14	30	1	.71		.19	16	1.9	1	31+	2	0	0
LINCOLN	35.1	20.0	27.6	1.0	55	16+	3	31	1155	0	0	11	28	0	.47	- 1.49	.10	30+	2.0	2	31	2	0	0
MASON CITY 1 NW	34.3	19.7	27.0		57	16	1	31	1170	0	0	13	28	0	.35		.09	16+	2.2	2	31	0	0	0
MINONK	30.0M	14.2	22.1M	- 1.8	55	17	1	28+	1331	0	0	16	29	0	0 1.33	- .41	.40	17	3.3			5	0	0
NORMAL	33.9	18.5	26.2	.0	54	11	2	31	1196	0	0	14	29	0	.39	- 1.67	.09	19+	3.0	1	31	0	0	0
PEORIA WSO AP //R	31.0	16.2	23.6	- .2	54	16	- 1	31	1279	0	0	18	29	1	.59	- 1.23	.14	30	3.7	2	31	2	0	0
PRINCEVILLE	32.2	16.2	24.2		54	16	- 1	31	1259	0	0	15	30	1	.68	- .82	.28	19	2.0			2	0	0
DIVISION			25.4	- .3											.64	- 1.22			2.5					
* * *																								
EAST 05																								
DANVILLE	35.1	20.4	27.8	.2	57	11	5	31	1146	0	0	13	29	0	.80	- 1.35	.28	11	2.5	2	31	2	0	0
HOOPESTON 1 NE	32.4	18.9	25.7	- .5	55	11	0	31	1212	0	0	17	29	1	.75	- 1.28	.27	11	2.6	2	31	2	0	0
KANKAKEE WTR POLL CTR	32.3	16.2	24.3		56	12	0	30+	1256	0	0	14	29	3	.40		.15	24	5.0	3	31	1	0	0
PIPER CITY 3 SE	32.3	17.8	25.1	- .1	54	11	0	31	1231	0	0	15	29	1	.46	- 1.36	.14	17	3.0	2	31	1	0	0
PONTIAC	32.0	17.7	24.9	- .5	53	11	3	31	1234	0	0	18	29	0	.51	- 1.17	.13	20	3.5	2	31	1	0	0
RANTOUL	34.5M	16.1M	25.3M		55	11	- 1	31	1231	0	0		29	1	.56	- 1.51	.23	11		2	31	2	0	0
URBANA	33.7	19.7	26.7	- .2	56	11	5	29	1180	0	0	15	29	0	.78	- 1.35	.23	11	3.2	2	30	4	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION	TEMPERATURE AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	PRECIPITATION TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	MAX. DEPTH ON GROUND	DATE	NO. OF DAYS .10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	32.2M	16.7	24.5M		55	12	2	31+	1246	0	0	18	29	0	.97	- 1.03	.25	17		2	5	5	0	0
DIVISION			25.5	- .5											.65	- 1.20			3.3					
* * * WEST SOUTHWEST 06																								
ALTON DAM 26	37.9	21.5	29.7		58	17	7	31	1085	0	0	9	29	0	.60		.22	30	2.7	3	31+	2	0	0
CARLINVILLE	36.3	21.4	28.9	- .3	58	16	1	31	1110	0	0	11	29	0	.84	- 1.00	.36	30	7.0	6	31+	2	0	0
GRIGGSVILLE	33.9	21.0	27.5	.1	59	16	- 2	31	1155	0	0	18	29	1	.79	- .85	.24	30	6.0	6	31	2	0	0
HILLSBORO	36.8	20.4M	28.6M	- 1.4	58	16	5	31	1174	0	0	10	28	0	.81	- 1.30			6.0					0
JACKSONVILLE 2 E	34.9	20.0	27.5	- .5	60	17	2	31	1158	0	0	14	29	0	.66	- 1.00	.16	30	6.0	6	31	3	0	0
JERSEYVILLE 2 SW	37.8M	21.5M	29.7M		61	17			1090	0	0	10	31				.22	30				2	0	0
MORRISONVILLE	35.9	20.2	28.1		55	17+	- 3	31	1137	0	0	12	29	1	.81		.28	30	7.5	8	31	3	0	0
PANA	34.9	22.1	28.5	- .4	56	11	4	31	1125	0	0	12	28	0	1.08	- 1.02	.28	30	7.3	7	31	4	0	0
SPRINGFIELD WSO AP R	34.7	20.8	27.8	1.1	58	16	- 2	31	1146	0	0	14	29	1	.72	- 1.03	.32	30	5.1	4	31	2	0	0
VIRDEN 1 N	36.4	22.4	29.4		58	16	1	31	1097	0	0	11	28	0	.97	- .89	.36	30	6.0	6	31	4	0	0
WHITE HALL 1 E	36.1	21.2M	28.7M	.2	60	16	- 1	31	1127	0	0	11	28	1	.62	- .89	.25	30	5.0	5	31+	2	0	0
DIVISION			28.6	- .2											.79	- 1.04			5.9					
* * * EAST SOUTHEAST 07																								
CHARLESTON	35.7	21.1	28.4	- .5	55	11	4	31	1126	0	0	12	29	0	1.15	- 1.23	.30	11	5.0	5	31	5	0	0
EFFINGHAM 3 W	36.2	21.2	28.7	- .7	58	12	5	31	1120	0	0	13	29	0	.80	- 1.51	.27	30	7.4	6	31	3	0	0
FLORA 5 NW	38.6M	22.8M	30.7M	- .8	59	11			1054	0	0	9	29	0	1.05	- 1.91	.46	30		6	31	2	0	0
MATTOON	34.8	20.3	27.6		57	11	4	31	1153	0	0	14	29	0	.77		.30	30	5.0			4	0	0
MOWEAQUA	35.8	21.7	28.8		55	17+	2	31	1115	0	0	9	26	0	.57		.22	16		5	31	2	0	0
NEWTON 6 SSE	36.8	21.9	29.4		58	12	3	31	1098	0	0	12	29	0	.94	- 1.59	.48	11	5.5	5	31+	3	0	0
OLNEY 2 S	38.0	23.5M	30.8M	- 1.2	60	11	5	31	1062	0	0	9		0	1.65	- 1.22	.77	11	6.5			4	1	0
PALESTINE	37.2	23.7	30.5	- .4	58	11	2	31	1064	0	0	12	29	0					7.0	5	31+			0
PARIS WATERWORKS	35.3	19.5	27.4	- 1.2	56	11	1	31	1155	0	0	14	29	0	1.21	- 1.40	.43	11	5.0	5	31	4	0	0
SALEM	38.5	23.8	31.2		58	11	7	31	1041	0	0	8	29	0	.72		.28	30	4.8	5	31	3	0	0
TUSCOLA	35.2	20.5	27.9		56	11	1	31	1144	0	0	13	29	0	.86	- 1.39	.31	11	3.0			2	0	0
VANDALIA 3 SW																								
WINDSOR	35.7	21.4	28.6	.3	56	14	0	31	1122	0	0	12	29	1	.93	- 1.49	.33	11	5.0	4	31+	3	0	0
DIVISION			29.2	- .5											.97	- 1.58			5.4					
* * * SOUTHWEST 08																								
ANNA 1 E	41.7	26.7	34.2	.0	60	11	14	31	946	0	0	6	25	0	1.86	- 1.91	.96	11	3.3	3	31+	4	1	0
BELLEVILLE SO ILL UNIV	40.1	23.9	32.0		59	17	2	31	1015	0	0	8	27	0	.55		.20	30	4.5	5	31	4	0	0
CAHOKIA	39.3M	23.0M	31.2M		62	17	10	31	1041	0	0	8	29	0			.33	11					0	0
CAIRO WSO CI R	43.1	31.3	37.2	.9	62	11	15	31	856	0	0	5	20	0	2.05	- 1.94	1.11	11	2.7	1	31+	5	1	1
CARBONDALE SEWAGE PL	41.4M	23.5M	32.5M	- 1.5	61	12			1001	0	0	7	30	0	1.42	- 1.86	.88	11	4.5	5	31	3	1	0
CARLYLE RESERVOIR	39.2M	22.5M	30.9M	.0	59	11	5	31	1063	0	0	8	29	0	.53	- 1.78	.26	11	4.5	5	31	2	0	0
DU QUOIN 4 SE	39.6	24.2	31.9	- 1.5	60	11	5	31	1021	0	0	7	29	0	.89	- 2.03	.57	10		3	31+	2	1	0
KASKASKIA R NAV LOCK	39.8	24.1	32.0		61	25	12	31	1016	0	0	9	29	0	.67		.26	11	6.0			3	0	0
MARION 4 NNE	41.0	24.1	32.6		62	12	15	31+	997	0	0	8	30	0	1.38	- 1.88	.62	11	6.2	6	31	4	1	0
NASHVILLE 4 NE	38.5	25.4	32.0		57	11	7	31	1016	0	0	7	25	0	.74	- 1.67	.23	30	5.4	5	31	4	0	0
SPARTA	39.4	25.3	32.4	- .9	58	11	9	31	1006	0	0	8	27	0	.96	- 1.43	.38	11	3.8	3	31+	3	0	0
WATERLOO	39.3	23.6	31.5		60	17	7	31	1032	0	0	8	29	0	.84	- 1.37	.25	30	4.0	4	31	4	0	0
DIVISION			32.5	- .8											1.08	- 1.94			4.5					
* * * SOUTHEAST 09																								
ALBION	39.8	24.9M	32.4M		62	11	9	31	1001	0	0	6	25	0	1.09	- 2.27				4	31			0
BROOKPORT DAM 52	44.1	27.5	35.8		62	11	16	31	898	0	0	4	24	0	1.89	- 2.46	.80	11	3.5	2	31+	5	1	0
DIXON SPRINGS AGR C	42.6	27.3	35.0		61	11	15	31	924	0	0	5	25	0	2.02		1.33	11	2.6	3	31	3	1	1
FAIRFIELD RADIO WFIW	38.4	24.4	31.4	- 1.3	60	11	8	31	1033	0	0	7	26	0	1.50	- 1.60	.90	11	4.0	5	31	3	1	0
HARRISBURG	41.9	26.9	34.4	- .5	62	11	11	31	942	0	0	5	25	0	1.91	- 1.60	1.16	11	5.0	5	31	4	1	1
MC LEANSBORO 2 ENE	40.2	24.1	32.2	- 1.4	61	12	9	31	1010	0	0	7	28	0	2.03	- 1.08	.80	11	5.0	5	31	5	2	0
MT CARMEL	39.4	24.6	32.0		62	12	12	31	1015	0	0	8	29	0	1.13		.72	11	5.5	5	31	3	1	0
MT VERNON 3 NE																								
RENO LAKE DAM	40.3M	24.5M	32.4M		61	12	11	31	1010	0	0	6	29	0	2.20		1.10	11				2	2	1
ROSICLARE	41.9M	25.8M	33.9M		62	11	11	29	967	0	0	5		0	2.05	- 1.91			4.5	4	31			
DIVISION			33.3	- .2											1.76	- 1.61			4.3					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	1.00				.02		.07	.04						.06		T	.66			.03		T			.03			T			.09	
DIXON 3 W	.83			T	T			.08		T		.04					.23	.23	.05		T		.02		.12						.03	.03
FREEPORT WASTE WTR PLT	1.37		T	T			T	.12		.05		.01			.01		.39	.66	T				.01		.10	T			T		T	.02
FULTON DAM 13	1.17				T	T		.02		T		.02			.03	T	.46	.44	.01		.03		T		.08				T		.04	.04
GALENA 1 N	1.47	T	T		.02	.02	.07		.06			T	T		.03		.66	.47	T		T		T		.08				T		.01	.05
GALVA	.70			T	T	T		.12				T			.01		.11	.16			.06		.03		.09				T		.08	.04
GENESEO	.94		.01	.01	T		.08				T	.02		.05		.06	.36	.01		.05		.03		.01	.12	T		T			.13	
HENNEPIN POWER PLANT	1.73							T									*	1.53			T			.20				T				
ILLINOIS CITY DAM 16 //	1.25	T	T	T	T	T		.11				.02			.01		.37	.48			.05		.04		.05			T	T		.08	.04
KEITHSBURG	.97	T	T	T	T	T		.09									.66	.02			.05		.01		.04	T		T			.07	.03
KEWANEE 1 E	.65	T		T		T		.07			T	.01			.01		.22	.02		T	.06		.02		.10			.02		.05	.05	.02
MOLINE WSO AP R	1.31	T	.01	.01	.02	T	.10	T			T	.04		.05		.09	.64	.01	T	.05		.04	T	.02	.08			T			.15	T
MORRISON	1.53		T	.03	T	T		.16		.01		.05			.13		.48	.43	.04		.02		.02		.04	.01		T	T		.08	.03
MOUNT CARROLL	1.45	T	T	T		T		.17		.02					.03	T	.62	.37	T		.03		.01		.15			T	T		.03	.02
NEW BOSTON DAM 17	.96	T		.01	T	.02		.06				T					.30	.37	T		.03		.03		.03			T	T		.07	.04
PAW PAW	.74						.13	T				.03			.02		.10	.30			T		T	T	.05			T	.04		.05	.02
ROCHELLE	.75						T	.18				.06			T		.12	.27					T		.07	T		T			.03	.02
ROCKFORD 6 ENE	.73							.10		.02	T	.07			.02	T	.18	.29					T		.05	T						
ROCKFORD WSO AP //R	1.02	T	T	T	T	T	.22	T	T	.02	T	.11		T		.03	.41	T		T		.03	T		.19			T			.01	T
STOCKTON 1 N	1.48		T				T	.06		.06		.04			.05		.78	.40					T		.09	T						T
TISKILWA 2 SE	.36		T	T	T		.04	.05				.04		T		T	.02	T		.03		.03	T		.09			T			.06	T
WALNUT	.89		T	T	T		.10	T	.10	.08		.04		.02		T	.22	T		T		.03			.15			T			.15	T
* * * NORTHEAST 02																																
ANTIOCH 2 NW	1.17	T		.03	T	.05	T	.25		.03	T	.08	T		.07		.10	.37	T				.02	.02	.08	.02			.03			.02
AURORA	1.22		T	.04	T	.01		.22				.07	.02		T		.05	.48	.01		.01		.03	T	.11	.05			.08		.03	.01
BARRINGTON	-			T		.08		-		T	.08	T	T		.14		.02	.08				T	.02		.10				.05		.07	
CHANNAHON DRESDEN ISL	.63	T	T		T			.10				.04			T		.02	.08	T		.02		.03		.12	T			.02		.09	.11
CHICAGO O'HARE WSO AP R	1.04	T	.03	.10	.03	T	.21	T		T	.02	.13		.01		.02	.24	.02	T	T		T	T		.10	T		.03			.09	.01
CHICAGO UNIVERSITY //	.98			T	.01	.01	.01	.23				.07			.02		.13	.18					T		.12	.04		.01			.02	.13
CHICAGO MIDWAY AP //R	-	T				.02		.18			T							.25					-	-	-			-	-	-	-	-
DE KALB	.84			T	T	T	.05	.14				.04				T	.30	.07		.02		.01			.12	.05		.01			.03	T
ELGIN	.98				.04			.23										.33							.08	.05		.07				.18
GEBHARD WOODS ST PARK	.59		T	T	T	T	T	.02				.06						.12					.09	T	.14	T		T			.09	.07
JOLIET BRANDON RD DAM	.45		T	T	T	T	T	.12				.02			T		T	.08			.02		.03	T	.09	.02			T		.04	.03
MARENGO	0 .73				T	T	0 .05	0 .05		T		.05	.04	T	.02		.08	.23	.03			T	.01		.12	.03		T		T	T	.02
MARSEILLES LOCK	.69		T	T	T	T		.10				.01	T		T		.06	.13	T		.06		.02	T	.17	T		T	.02		.09	.03
MC HENRY LOCK AND DAM	.72		T	T	T	.02	T	.12		.02		.09			.02		.10	.24	T				T	.01	.07	T	T	T	T			.03
MORRIS	0 .69	*	*	*	*	*	*	*	*	*	*	.21						.15					.13		0 .11						.09	
OTTAWA	.62						T	.10						T		T	.17	T		.07		T			.14			.02			.09	.03
PARK FOREST	0 .91		T	T	T	.05	T	.11	T			.20			T		.03	.25	T		T		T	T	.09	T		0 .05			.05	.08
PEOTONE	-	T	T	T		.01	T	.04							.02			.19			.01			T	.05	.04			T		T	-
PERU 2 W	.51				T	T									.04		.36	T			.02				.05			.01			.01	.02
STREATOR 2 ENE	.59			T	.01	T	.01	T			.02			.01			.10			.08		.06		T	.05			.05			.18	.02
UTICA STARVED ROCK DAM	.50	.03	T	T	T	T		.10				.04	T		.01		.04	.03	T		.05		.01	T	.06	T		.01	T		.09	.03
WAUKEGAN	0 1.34	T	T	.10	T	.09		.10	T	.03		.15	.05		.02		.08	.19	.01				.01	.01	.12	.10	T		.03			0 .25
WHEATON 3 SE	.63			.02	.05		.22	T								T	.15	.05				T	.01	.02	.02			.04			.03	.02
* * * WEST 03																																
AVON 5 NE	.45			T		T		.12				T					.18	.03			T		T						T		T	.12
BENTLEY 1 E	.66	T	T	T	T	T	.08	T				T		T		T	.32	T		.09		T	T		.06			T			.11	T
CANTON 1 ESE	.67						.02					.03					.25		T	T					.05				T	T	.23	.09
GALESBURG	.60			T	T			.07				T			T		.12	.19			.03		.04	T	.01	T		T			.09	.05
GLADSTONE DAM 18	.84	T	T	T	T	T		.10				T			T		.40	.18			.06		T		T	T		T	T		.08	.02
GOLDEN 1 NW	.70						.05									T	.21			.13		.05			.11						.15	
LA HARPE	.77			.04		T		T							T		.42				.07				T	T		.06			.15	.03
MACOMB	.65			.01	T	T		.09				T					.26	.04			.07		.01		.01	.02		.01			.11	.02
MONMOUTH	.69		T		T	T	.08	T				.03		T		T	.37			.05		T			.05			T			.11	
MOUNT STERLING	.95			T	T	.03	.04										.30	*	*	*	*	*	*	*	*	*	*	*	*	*	.58	
PAYSON	1.10			T	T	.01	T	.15									.27	.01			.24	T	.02	T	T	.08		.02			.23	.07
QUINCY FAA AP	.89	T	T	T	T	T	.16				T			T		T	.20			.20		T		T	.02			.02		.03	.26	
QUINCY DAM 21 //	.87			T	T	T		T							T		.24	T			.22		T			T		.18			.20	.03
QUINCY MEMORIAL BRIDGE	1.08		T	T	.01	.01	.02	.11				T			T		.30	T			.23		.01		T	.05		.03	T	T	.23	.08
RUSHVILLE	.93	T	T	.04	T	T	.11	.03				T		T		T	.15			.12			.05		.18	.02		.02			.17	.04
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	.25			T	T	T		T				.04		T			.05			T	.08	T			T	T		T			.05	.03
CHENOA	.57		T	T	T		T	T			T	T		.22		T	.08			.13		T			.04						.10	
CHILLICOTHE	.51							.10				T	T				.13	T				T	T		.05			.12			.08	.03
CLINTON 1 SSW	.50			T	T		.06				.02			.03		.01	.10			.03		T	T	T	.11			T		.08	.06	
DECATUR	.67		T	T	T	T		.03				.06	T		T		.02	.09			.02		T	T	T	.20			T	T	.18	.07
FARMER CITY	.59											.07						.28			.07				.02	.05					.04	.06
HAVANA 4 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LACON 2 E	.71		T	T	T		.02	.01	.11		T	.08		T			.19	T		.09		T			.09			T	T		.09	.03
LINCOLN	.47			T				.07				T				.02	.07				.05		T			.10		T	.01		.10	.05
MACKINAW	.72		T		.02		.05	.05				.02		.01			.23			.07		.03			.02			.02			.10	.10
MASON CITY 1 NW	.35		T	T	T		T	.09						T			.09			.04	.01	T			.02	.01		T			.06	.03
MINONK	D 1.33							.30				T			T	T	.30	.40	T			0 .04			0 .06						0 .11	0 .12
MOUNT PULASKI	.65						T					T	T				.15			T					.20						.30	
NORMAL	.39		T	T	T	T		.09			T	.02		T			.06			.09	T	T	T		.02	T		T			.07	.04
PEORIA WSO AP //R	.59	T	T	T	.01		.08	.01			T	.05		.01		.04	.10		T	.08		.03	T	T	.03	T		.01			.14	T
PETERSBURG 3 SSW	.61							.05									.09	T			.12	T				.16		T			.16	.03
PRINCEVILLE	.68					T	.03						T			T	.21	T		.28		.01			.03						.08	.04
* * * EAST 05																																
DANVILLE	.80		T	.02	T	T		.04				.28			.07		.02	.09		.02	T			T	.06	.04		T			.11	.05
DANVILLE SEWAGE PLANT	1.35				T	T	T	.02				.30			.05				.08		T			T	.04	.05					.70	.11
GIBSON CITY 1 E	.48		T	T	.01			.01				.03					.02	.10			.07				.11	.02			T		.06	.05
HOOPESTON 1 NE	.75		T	T	T	.02	T	.01				.27	T		.05		T	.13			.08		T	T	.08	T			T		.08	.03
KANKAKEE WTR POLL CTR	.40		T	T		T	T	T				.07			T		T	.02				.01	.01		.15	T		T	T		.08	.06
MONTICELLO 2	.74	.01			.01				.03			.26					.05	.02			.11				.02	.09					.09	.05
PIPER CITY 3 SE	.46			.01	T	.02		.01	T			.07			.01		T	.14			.08			T	.02	T			T		.07	.03
PONTIAC	.51				T		T	T				.06			.02		.03	.05	T		.13		T	T	.06	T		T	T		.09	.07
RANTOUL	.56		T	T	T	T		T				.23					.02	T			.06			T	.05	.12					.06	.02
SIDELL	.61				.01							.18			.04		.01	.06			.05				.01	.12					.10	.03
URBANA	.78	T	T	.01	T		.03				T	.23		.01		T	.17			.08		T	T		.11			T			.14	T
WATSEKA 2 NW	.97			.18		.19									T	T	T	.25		T	.10		T	T	.06	.03					.11	.05
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	.60					T	T	.06				.07					.13	.04			T										.22	.08
BEARDSTOWN	.66			T				.14				T			.02		.08				.11		T		T	.12		T			.13	.06
BLUFFS	.89											.15						.09		.29											.36	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	.84	T	T	T	T	T	.01	.06				.03		T		.04	.28			.01	T	T			T			T	T		.36	.05
EDWARDSVILLE 1 NE	.67				T	T	.03	.07				.15			T		.10	T			T										.18	.14
GRAFTON	.53			T	T	.02	T	.11				T		T			.11	.07			T							T	T		.15	.07
GREENFIELD	.71		T	T	T	T	T	.09				.01			.02		.10				.06		T					T			.33	.10
GREENVILLE 1 E	.74							.08				.22					.07	.01													.26	.10
GRIGGSVILLE	.79				T	T	.01	.09				T			T		.08	.02			.22		.01			.07		.01			.24	.04
HILLSBORO	.81			T	T	T	.08				.05	.02		T		10				.05		T			T	T		T	T	T	*	.51
JACKSONVILLE 2 E	.66	T	T	T	T		T	.11				T	T		T		.08	.05	T	T	.09	T	T			.12		T	T		.16	.05
JERSEYVILLE 2 SW	-	T	T	T	T	T	.01	.07				T			.05		.10	.01		T	T		T							T	.22	-
KINCAID	.77				T	T						.05					.10	.12			.02					.15	T				.22	.11
MEDORA	.92							.16				T				.06		.23					.10								.20	.17
MORRISONVILLE	.81		T	T	T	T						.19			T		.04	.03		T	T	.03	.09			.10		T	T		.28	.05
MOUNT OLIVE 1 E	1.18			T								.46						.24											T		.43	.05
PANA	1.08		.01	.01	.02	.01		.02				.21	T		T	T	.01	.09			.08		.01			.15			T		.28	.18
SPRINGFIELD WSO AP R	.72	T	T	T	T		.06	T			T	T		.01		.01	.06			.04	T	.02			.17			.01	T	.01	.32	.01
VIRDEN 1 N	.97		T	T	T			.05				.12			T		.18				T		T			.08			T		.36	.18
VIRGINIA	.84							.08					T		T			.11	.02		.14	T				.16		T			.21	.12
WHITE HALL 1 E	.62		T	T		T	.01	.09						.01		T	.14			.08	.04	T			T						.25	
* * * EAST SOUTHEAST 07																																
CHARLESTON	1.15		T	.01	T	.08						.30			.02			.15			.01			T		.28					.12	.18
CLAY CITY 6 SSE	D 1.41				D .03							.81				.03	.13													.28	13	
DIONA 3 SW	D 1.40										.20			.15			.35														*	D .70
EFFINGHAM 3 W	.80		T	T	T	T		.05				.26			.01		T	.03			.01		T		T	.04				T	.27	.13
FLORA 5 NW	1.05		T	T	T			T			T	.39		.02			.09					T			T				T		.46	.09
GREENUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE POWER PL	1.33		.02		.02			T				.66			T		T	.20			T		T	T		.12					.13	.18
LAWRENCEVILLE	1.62		T	T	.04	T	T	.01				.81	.04		.05		.02	.18			T		.01	T		.06				T	.26	.14
MATTOON	.77	T		.01			.04				T	.12		.01		.01	.11	.01		.01	T	T		T	.15						.30	
MOWEAQUA	.57	T	T	T				T				.04		.08			.22			.07	T		T		.11	T		T	T		.03	.02
NEWTON 6 SSE	.94		T		.01	T						.48			.02			.12					T	T		.02					.24	.05
OLNEY 2 S	1.65			T	.09			.02				.77			.04		.11						.02	T					T		.45	.15
PALESTINE	-			T			T				T	-		.03	.01		.13	.02		T		T	T	T	.10	T			T		.33	.02
PARIS WATERWORKS	1.21	T	.04	.03	T	T		.05			T	.43		.06			.16			.07	.03			T	.11	.03					.16	.04
SAINTE MARIE	1.43		T		T	T						.64	.03		.05			.19					.02		T	.06					.20	.24
SALEM	.72			T	T		T	.05			T	.21		T			.12	.01				T		T					T		.28	.05
TUSCOLA	.86	T	.04	T	T	.06						.31				.05	.01			T	.05				.07	.08					.12	.07
VANDALIA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	.93	T	T	T	T		T					.33		T		T	.04	.08		.03	T		T	T	.15			T			.24	.06
* * * SOUTHWEST 08																																
ANNA 1 E	1.86			.09		.02		.04				.96		T			.24					.15	.01								.32	.03
BELLEVILLE SO ILL UNIV	.55			T	T		T	.11				.12					.10														.20	.02
CAHOKIA	-				T	T						.33			T	T				T									T	T	.29	-
CAIRO WSO CI R	2.05			.13			.06	.03			.26	1.11		T			.26					.05					T			T	.15	
CARBONDALE SEWAGE PL	1 42			T	.04	T	T	.02				.88			T		.12	.05			T		.05							T	.18	.08
CARLYLE RESERVOIR	.53											.26					.07	.03													.10	.07
CENTRALIA	.99					T		.03				.25						.07					.04							T	.25	.35
CHESTER	1.05	T		T			.05	.10				.40					.10	T					T							T	.20	.20
DU QUOIN 4 SE	.89			T			.08				.57			.05			.13					.03								T	.03	
GRAND TOWER 2 N	1.49				.03	T	T					.83					.07	T					.04						T		.29	.23
KASKASKIA R NAV LOCK	.67	.05		T			.04					.26			T		.13	T					T								.13	.06
MARION 4 NNE	1.38				.03		T	T				.62			T		.05	.10				T	.05	T						T	.21	.32
NASHVILLE 4 NE	.74			T	T	T		.04				.18					T	.13													.23	.16
PRAIRIE DU ROCHER 1WSW	.49			T	T	T	.05	.05				.06			T		.09						.02							T	.14	.08
RED BUD 5 SE	.68		.02				.04	.05				.12		T				.09												T	.29	.07
SPARTA	.96			T	T	.03	T	.06			T	.38		T			.16					.01							T		.27	.05
WATERLOO	.84					.05		.09				.13					.20				.02										.25	.10
* * * SOUTHEAST 09																																
ALBION	1.09				T							*	*	*	*	*	.84	T				T	T								.19	.06
BENTON FOREST SERVICE	1.45							.07				.85					.13	.01					.03								.14	.22
BROOKPORT DAM 52	1.89	.11		.01	.23	T		.08				.80	T		.03		T	.23					.06					T			.07	.27
CARMI 6 NW	1.42				.05							.70			.01		T	.13					.01							T	.19	.33
DIXON SPRINGS AGR C	2.02			.09	.02	T		.05				1.33		T	T		.13					.03	T								.31	.06
FAIRFIELD RADIO WFIW	1.50		T	T	.03			.02				.90		T	.02		.14	.04		.03		T	.04						T		.28	T
GOLCONDA DAM 51	1.92				.12			.07				.92	.09	.11	T		T	.20													.15	.26
HARRISBURG	1.91		T	.05	.05							1.16		T			.12					.06							T		.32	.15
HARRISBURG DISPOSAL PL	1.87		.01		.04			T				1.09	.01		T	T	.01	.10		.01			.07								.18	.35
MC LEANSBORO 2 ENE	2.03	T		T	.51			.04				.80	T		.05	T	.05	.17					.04							T	.22	.15
MT CARMEL	1.13				.02	T		T				.72	T		T			.22					T	T							.05	.12
MT VERNON 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REND LAKE DAM	2.20				T							1.10	.88				.07	.07			T		.01									.07
ROSICLARE	2.05			.20	T							*	*	*	1.22		.16					.03									.36	.08
SHAWNEETOWN NEW TOWN	1.68				.08							.78			.09		.10	.12												T	.18	.33
WAYNE CITY 1 N	1.14											.89						.17														.08

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	35	32	34	29	30	35	35	15	16	46	52	27	37	44	48	53	46	32	33	34	31	32	22	42	40	25	16	16	15	17	18	31.8
	MIN	27	26	22	24	21	15	6	5	2	10	5	5	20	21	33	43	29	25	23	19	19	16	6	10	24	9	4	4	0	7	-2	15.4
DIXON 3 W	MAX	41	30	31	32	31	29	35	13	13	22	51	31	27	33	41	43	50	36	32	32	32	31	31	17	36	24	17	13	12	13	17	28.9
	MIN	21	26	22	23	15	15	6	5	4	3	22	8	12	16	16	35	33	28	24	17	16	22	5	4	17	3	1	2	-3	-2	2	13.5
FREEPORT WASTE WTR PLT	MAX	43	31	31	31	30	31	34	11	12	19	51	32	30	33	41	41	48	37	36	31	34	31	31	17	37	25	15	13	14	14	15	29.0
	MIN	22	26	19	22	13	14	6	4	2	1	19	6	6	16	18	34	34	29	24	18	17	21	6	6	14	3	1	1	-2	-1	3	13.0
FULTON DAM 13	MAX	38	31	31	31	34	30	34	13	12	19	53	36	30	35	43	43	51	35	33	31	33	32	32	18	37	31	18	15	15	13	15	29.7
	MIN	27	28	25	24	20	19	9	7	6	5	19	8	8	21	19	35	34	29	26	20	19	23	9	8	12	8	4	4	3	2	4	15.6
GALVA	MAX	38	30	30	32	29	29	35	15	15	22	52	27	28	33	43	47	52	32	31	32	32	31	31	27	39	33	18	15	16	14	18	29.9
	MIN	26	27	24	24	20	22	7	7	4	4	22	6	8	23	25	37	32	27	25	19	19	25	7	7	27	12	5	5	2	4	1	16.2
GENESEO	MAX	31	31	32	30	30	36	15	14	17	50	53	29	35	43	48	53	38	33	33	32	32	32	17	38	36	21	15	15	14	15	19	30.2
	MIN	29	28	25	23	21	13	9	8	6	11	14	9	27	21	30	38	30	26	24	21	20	12	8	15	21	8	6	7	4	8	3	16.9
HENNEPIN POWER PLANT	MAX	41	31	32	31	33	32	38	16	18	24	56	35	30	35	46	46	54	36	36	33	33	32	34	24	40	32	19	15	18	18	20	31.9
	MIN	25	27	25	27	14	16	10	9	10	9	19	7	10	15	18	35	34	29	21	21	16	24	7	9	21	9	5	6	4	4	5	15.8
KEWANEE 1 E	MAX	39	30	30	31	29	30	31		15	27	54	25	29	35	43	46	52	34	32	33	33	32	32	33	38	30	18	14	16	14	17	30.7
	MIN	27	27	21	22	15	13	10	6	4	7	15	5	11	20	28	37	31	25	21	17	15	22	4	10	27	8	10	2	0	2	-1	14.9
MOLINE WSO AP	MAX	31	31	33	29	32	35	15	15	16	50	52	30	36	45	48	54	37	35	34	34	32	32	18	41	35	22	15	16	15	16	19	30.7
	MIN	29	29	26	21	21	12	8	6	4	9	14	7	26	16	31	37	30	24	23	19	17	13	8	15	22	8	6	7	4	8	-3	16.0
MORRISON	MAX	40	31	32	33	31	32	34	13	13	21	52	29	30	35	44	43	50	36	33	33	33	31	32	21	39	29	18	15	14	14	19	30.0
	MIN	22	25	23	25	15	18	6	5	4	8	21	5	5	15	18	35	32	28	23	18	16	22	6	8	21	6	2	2	0	2	1	14.1
MOUNT CARROLL	MAX	42	30	31	32	30	30	33	11	12	20	52	25	31	34	44	42	49	36	34	31	34	31	31	17	37	25	16	14	14	14	16	29.0
	MIN	15	26	19	19	8	8	5	1	1	0	19	3	9	12	13	35	33	27	19	10	13	20	4	4	17	3	1	0	-2	-2	-5	10.8
PAW PAW	MAX	41	29	30	32	28	30	34	15	15	18	50	50	26	32	41	40	50	37	37	31	32	30	30	14	36	21	17	13	11	14	17	29.1
	MIN	24	25	22	21	20	15	8	6	5	5	10	7	5	22	24	31	34	28	22	17	17	18	5	5	13	3	2	0	-1	-2	3	13.4
ROCHELLE	MAX	41	30	30	32	31	28	32	14	13	20	52	46	28	32	42	42	49	38	34	32	32	31	31	16	35	24	15	11	10	12	16	29.0
	MIN	28	25	22	22	21	24	8	5	5	5	19	7	6	18	16	32	34	29	21	21	16	19	5	5	15	3	3	0	-4	-3	1	13.8
ROCKFORD WSO AP	MAX	30	29	31	30	29	31	12	10	8	46	50	24	32	40	38	48	37	31	29	30	29	30	15	33	34	13	8	10	11	15	18	26.8
	MIN	23	26	21	23	14	12	4	2	0	4	10	4	20	11	28	37	30	21	19	15	13	8	3	10	7	0	-1	-2	-6	5	1	11.7
STOCKTON 1 N	MAX	41	29	30	28	27	28	33	8	9	18	51	21	30	33	40	42	48	35	35	29	32	30	28	16	37	22	13	11	11	11	13	27.1
	MIN	24	25	20	19	7	13	5	-1	-3	-2	12	3	5	21	27	36	33	27	23	15	16	21	3	5	15	1	-1	0	-5	-2	1	11.7
TISKILWA 2 SE	MAX	35	30	33	32	32	37	31	17	20	46	54	27	33	45	43	52	45	34	32	32	30	32	21	36	39	21	14	16	15	18	19	31.3
	MIN	22	28	24	26	16	19	8	8	5	13	19	7	25	21	32	39	32	28	24	18	19	20	8	9	20	8	5	5	3	8	2	16.8
WALNUT	MAX	34	34	34	34	31	35	35	25	16	44	52	27	33	42	41	51	51	33	31	32	30	32	20	34	35	22	15	15	13	16	19	31.2
	MIN	25	26	23	23	15	20	7	6	5	5	17	6	22	18	30	37	31	28	24	17	19	20	6	6	21	5	3	4	-1	5	-3	15.2
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	45	29	32	31	29	32	34	15	13	20	51	52	29	35	37	40	49	37	33	29	33	32	32	15	28	24	17	12	12	13	18	29.3
	MIN	21	25	20	23	19	17	7	2	0	1	19	7	6	18	16	32	35	31	21	15	13	12	4	3	11	0	-3	-2	-2	-5	5	12.0
AURORA	MAX																																
	MIN	23	23	23	23	15	16	3	7	12	16	12	9	24	18	30	39	32	28	24	18	18	10	7	11	8	3	1	-2	-2	7	4	14.8
BARRINGTON	MAX	44	30	32	31	27	31	29	16	13	22	52	52	27	35	38	42	51	48	33	31	33	31	33	25	37	24	18	12	12	15	21	30.5
	MIN	19	25	24	23	18	19	7	4	3	3	20	8	7	17	17	23	36	29	22	15	17	19	5	4	12	2	1	-2	-2	-2	6	12.9
CHICAGO O'HARE WSO AP	MAX	32	33	31	30	32	37	20	17	19	52	54	28	39	41	47	56	44	35	33	34	32	33	15	30	35	20	11	11	16	21	22	31.0
	MIN	23	28	28	26	22	19	9	8	9	16	15	9	28	20	32	42	35	26	20	16	15	11	4	6	8	1	3	0	0	7	3	15.8
CHICAGO UNIVERSITY	MAX	42	31	35	31	30	29	36	20	19	33	56	32	37	38	40	48	51	38	36	35	36	34	34	22	35	27	23	14	16	22	24	32.4
	MIN	26	28	31	27	26	25	10	10	10	16	22	11	22	28	33	40	36	31	28	21	22	20	9	12	22	8	7	3	2	12	14	19.7
CHICAGO MIDWAY AP	MAX	45	30	34	31	29	29	35	18	19	23	54	41	35	38	41	46	54	42	35	34	33	35	34	25	24	24	21	9	20	18	24	31.6
	MIN	24	24	27	26	24	22	10	7	7	8	20	12	0	24	30	33	32	30	24	20	18	15	7	5	12	5	5	1	0	5	8	15.6
DE KALB	MAX	37	30	33	30	31	33	33	14	11	39	52	26	32	41	39	47	50	33	31	31	31	31	22	27	35	20	14	11	14	16	22	29.5
	MIN	23	25	21	23	15	20	6	6	4	7	16	6	21	18	30	35	32	28	23	18	18	21	6	9	17	2	1	-4	-2	5	5	14.7
ELGIN	MAX	38	29	31	30	28	29	32	14	12	21	51	50	27	34	39	42	49	36	31	31	31	30	30	14	35	21	16	9	10	13	20	28.5
	MIN	23	23	22	23	15	15	7	4	3	3	19	10	5	21	21	34	33	28	24	18	17	17	5	4	11	1	0	-1	-5	-7	5	12.8
GEBHARD WOODS ST PARK	MAX	36	32	32	34	29	31	36	20	17	23	54		28	32	39	43	52	37	35	33	31	32	30	18	35	24	17	11	15	13	19	29.6
	MIN	22	28	25	26	20	18	11	9	4	6	21	8	10	17	17	33	33	29	21	20	18	21	5	6	8	0	2	-3	-1	0	3	14.1
JOLIET BRANDON RD DAM	MAX	40	30	33	33	29	31	37	20	19	22	52	54	28	39	42	43	52	37	34	33	33	33	32	17	35	29	18	11	14	13	22	31.1
	MIN	21	23	26	24	22	21	8	8	6	7	19	8	8	20	21	32	32	28	24	17	17	18	5	5	13	5	3	-2	-3	-3	3	14.1
MARENGO	MAX	39	33	32	31	29	33	32	13	9	20	51	50	27	33	40	41	48	36	32	29	32	32	31	15	35	21	15	11	11	13	17	28.7
	MIN	22	22	22	23	13	21	4	4	4	5	16	5	4	16	15	33	34	27	21	16	16	12	4	4	12	0	-1	-2	-4	-3	6	12.0
OTTAWA	MAX	39	31	35	32	33	36	37	19	23	45	53	28	37	45	42	52	52	38	33	34	32	34	23	35	38	22	15	16	16	26	22	33.0
	MIN	26	29	27	27	20	20	11	11	7	14	21	10	24	19	31	39	32	31	25	20	20	23	7	12	22	5	5	1	-1	6	4	17.7
PARK FOREST	MAX	43	30	33	35	29	29	35	20	18	23	54	53	29	38	41	43	51	35	33	32	34	32	32	16	35	29	22	13	13	13	23	31.2
	MIN	26	25	27	25	23	23	10	12	8	13	21	9	11	20	22	34	34	30	23	18	18	20	8	8	15	6	5	-1	-1	1	4	16.0
PERU 2 W	MAX	40	32	31	30	33	40	35	18	23	45	45	31	34	46	42	54	48	37	32	32	30	30	20	34	32	26	16	16	15	18	19	31.7
	MIN	25	25	25	24	25	28	12	7	5		10	10	25	25	30	36	34	31	24	24	13		8		6	5	5	2	0	5	0	16.8
WAUKEGAN	MAX	42	29	33	28	25	28	34	14	13	25	52	52	29	36	36	37	50	37	33	30	32	32	31	15	32	22	18	10	11	13	18	28.9
	MIN	21	24	24	23	22	22	3	5	2	2	16	8	8	23	23	32	35	30	22	17	15	18	5	3	11	0	-1	-2	-3	-5	6	13.2
WHEATON 3 SE	MAX	41	31	31	28	31	32	35	15	16	41	52	25	37	41	40	48	51	34	33	34	33	30	22	27	35	21	16	15	16	24	23	30.9
	MIN	21	27	26	24	23	16	9	7	6	10	21	8	22	15	28	37	34	30	21	14	14	22	5	7	19	2	5	-5	-3	2	9	15.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
WEST 03																																	
GALESBURG	MAX	30	30	32	29	32	37	19	18	19	51	52	29	34	48	49	54	36	32	32	34	32	32	20	41	36	22	20	18	17	17	19	31.3
	MIN	28	28	24	22	22	14	9	8	4	15	14	7	25	19	34	35	29	25	25	22	20	13	8	15	22	10	9	5	4	8	- 4	16.7
GOLDEN 1 NW	MAX	36	30	31	30	33	39	39	21	24	55	55	30	37	55	49	57	45	35	35	31	36	35	26	42	40	31	20	21	20	17	15	34.5
	MIN	28	28	28	28	23	29	12	12	8	15	15	11	25	23	37	45	33	30	29	23	22	26	14	15	30	18	9	10	7	11	- 7	20.5
LA HARPE	MAX	31	31	32	32	33	38	37	19	21	52	54	31	39	52	49	57	43	34	33	35	32	34	25	41	39	28	20	18	19	17	20	33.7
	MIN	28	27	25	25	24	26	8	8	3	12	21	7	25	21	35	42	30	26	24	19	18	23	11	11	26	13	6	6	4	9	- 4	18.0
MONMOUTH	MAX	31	30	33	29	32	36	36	17	18	46	51	27	36	47	48	53	45	32	33	32	31	32	24	42	39	26	18	18	16	18	17	32.0
	MIN	28	28	25	27	24	23	9	7	4	14	22	7	25	26	34	42	31	27	25	21	20	24	9	13	26	13	7	7	4	10	- 1	18.7
QUINCY FAA AP	MAX	31	31	31	31	31	41	23	24	23	54	55	31	38	52	49	58	40	32	33	35	35	35	26	43	39	29	19	21	20	16	12	33.5
	MIN	30	30	27	26	28	19	14	15	10	18	21	14	29	28	40	39	30	28	27	26	27	19	16	22	29	19	12	14	10	10	- 6	21.6
QUINCY DAM 21	MAX	43	33	32	33	34	33	41	23	24	24	56	34	32	40	52	51	50	39	32	33	34	36	32	40	45	40	25	19	21	21	18	34.8
	MIN	28	28	28	23	25	28	12	12	11	11	24	14	15	22	21	41	35	25	25	26	25	28	16	18	31	22	11	10	10	10	0	20.5
RUSHVILLE	MAX	37	30	35	33	35	40	36	23	22	52	55	35	34	50	49	58	45	37	33	34	31	33	25	42	39	30	20	20	19	18	16	34.4
	MIN	27	27	27	27	25	25	12	11	8	16	23	10	24	22	36	44	32	27	25	28	19	24	13	13	29	18	9	10	7	10	- 3	20.2
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	30	30	32	31	30	36	38	22	25	46	54	28	36	47	42	52	53	34	33	33	32	35	22	38	37	28	23	16	16	20	19	32.8
	MIN	25	28	26	25	18	15	11	11	10	13	21	8	23	19	28	39	32	29	20	19	18	22	6	9	24	10	6	5	4	9	3	17.3
DECATUR	MAX	34	31	36	35	34	41	34	29	30	45	56	34	38	54	44	55	52	39	35	37	34	35	25	42	41	29	21	21	21	23	18	35.6
	MIN	23	27	28	28	20	16	14	10	9	17	27	10	24	19	27	42	35	27	22	24	18	23	9	9	28	17	13	11	6	11	2	19.2
FARMER CITY	MAX	32	30	33	32	33	37	35	28	28	44	54	28	36	51	41	53	47	37	33	35	33	35	25	40	39	26	22	21	21	21	21	33.9
	MIN	25	28	27	25	17	19	13	11	8	17	26	9	23	21	33	38	33	28	19	22	19	23	8	10	25	13	9	6	5	10	3	18.5
HAVANA 4 NNE	MAX																																
	MIN																																
LACON 2 E	MAX	35	30	36	32	34	37	38	19	21	48	55	29	35	46	45	55	54	35	33	33	31	32	23	39	38	24	17	17	15	22	19	33.1
	MIN	26	27	25	25	27	13	10	10	5	9	18	7	23	21	30	41	31	28	21	17	18	22	8	8	21	11	6	5	3	8	0	16.9
LINCOLN	MAX	36	31	39	33	33	39	39	25	26	47	55	30	35	52	45	55	54	38	34	35	33	37	26	41	40	29	21	19	20	22	19	35.1
	MIN	26	28	28	27	21	21	13	12	10	18	26	12	23	20	33	40	35	29	22	25	20	24	10	13	27	16	11	9	6	11	3	20.0
MASON CITY 1 NW	MAX	36	31	36	31	34	39	38	24	23	48	54	29	34	50	47	57	51	39	33	34	32	35	25	41	40	29	20	19	19	19	17	34.3
	MIN	26	28	27	27	21	23	14	12	8	15	28	8	22	22	34	44	35	28	21	22	21	25	11	10	29	18	10	7	5	10	1	19.7
MINONK	MAX		34	35	34	33	32	34	18	15	18	52	54	26	33	47	48	55	45	34	33	31	29	29	28	28	10	11	14	9	14	16	30.0
	MIN	28	24	20	21	21	19	13	10	12	7	10	6	6	8	16	34	37	25	21	22	21	16	5	6	8	8	1	1	4	6	3	14.2
NORMAL	MAX	36	30	33	31	31	38	36	24	22	46	54	29	36	51	50	53	53	36	36	33	32	33	30	40	39	27	19	17	17	20	19	33.9
	MIN	24	28	27	26	15	17	12	12	8	16	28	10	25	19	31	40	35	28	21	21	18	26	7	11	25	13	8	6	4	9	2	18.5
PEORIA WSO AP	MAX	30	29	35	29	32	36	19	20	21	50	53	27	33	47	47	54	37	35	31	33	31	32	19	41	35	21	15	16	16	19	17	31.0
	MIN	26	27	25	23	20	15	11	10	6	16	14	6	22	15	34	37	28	23	21	19	15	13	5	15	20	11	7	6	3	9	- 1	16.2
PRINCEVILLE	MAX	34	29	33	30	32	36	36	19	20	45	53	28	33	46	48	54	47	35	32	34	30	33	20	40	38	22	18	20	16	19	17	32.2
	MIN	22	27	24	25	19	20	9	7	4	14	20	5	19	17	32	40	30	27	22	16	16	19	5	9	21	12	6	5	2	9	- 1	16.2
* * *																																	
EAST 05																																	
DANVILLE	MAX	34	33	32	31	31	38	35	28	29	42	57	30	41	50	43	53	53	41	35	36	34	38	22	41	40	29	25	21	20	24	22	35.1
	MIN	28	29	29	26	25	23	15	11	13	18	29	13	27	23	26	40	36	31	20	24	17	21	10	8	27	18	13	8	7	12	5	20.4
HOOPESTON 1 NE	MAX	33	30	30	30	29	36	37	24	24	42	55	27	38	44	39	51	52	35	32	32	32	35	24	36	37	25	20	18	16	22	19	32.4
	MIN	26	28	28	25	24	21	14	10	9	16	25	11	24	25	31	37	35	29	24	21	20	24	6	8	24	13	11	5	4	9	0	18.9
KANKAKEE WTR POLL CTR	MAX	37	35	32	31	32	34	31	22	21	24	53	56	29	37	44	43	52	37	39	34	34	33	35	17	37	35	19	17	14	13	23	32.3
	MIN	24	28	29	25	18	21	11	9	9	10	23	9	11	17	21	33	35	30	26	21	19	21	7	7	15	12	7	0	0	0	4	16.2
PIPER CITY 3 SE	MAX	33	30	31	30	31	36	35	24	24	43	54	28	36	44	40	52	52	35	33	34	32	35	20	36	37	25	17	17	18	21	18	32.3
	MIN	25	28	28	25	23	21	12	10	6	14	23	9	23	22	28	36	34	30	23	20	18	20	4	15	23	9	8	4	3	9	0	17.8
PONTIAC	MAX	32	30	32	30	31	35	35	22	21	44	53	25	35	47	43	51	51	34	32	34	32	30	23	37	35	26	16	17	18	20	20	32.0
	MIN	26	28	26	24	21	18	11	10	8	15	22	10	22	19	30	38	34	29	21	19	17	23	6	9	26	9	7	5	5	9	3	17.7
RANTOUL	MAX	40	41	41	32	32	30	28	30	28	27	55	54	29	42		45	52	38	38	33	37		35	28	41	39	22	21	20	20	23	34.5
	MIN	24	22	26	26	22	19	16	14	6	5	23	10	12	23	21		34	31	22	20	20		11	11	16	12	6	6	8	3	- 1	16.1
URBANA	MAX	33	30	32	31	31	39	24	25	27	50	56	38	38	49	41	53	40	37	34	34	32	35	22	41	40	31	21	21	19	22	19	33.7
	MIN	26	28	28	26	21	21	14	13	10	18	20	12	24	28	34	40	32	29	25	22	22	16	9	16	21	14	12	7	5	11	6	19.7
WATSEKA 2 NW	MAX	38	29	31	30	32	31	36	22	24	25	53	55	28	39	44	43	51	36	35	32	32	32	35	17	36	35		16	12	16	22	32.2
	MIN	26	26	28	25	24	21	14	10	8	9	23	11	10	21	21	34	36	28	25	20	16	17	8	8	17	10	9	5	3	2	2	16.7
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	44	34	34	34	33	32	43	26	29	30	57	55	35	36	49	50	58	45	46	38	40	40	36	39	51	41	31	20	23	25	20	37.9
	MIN	24	25	27	27	25	25	16	15	14	14	28	18	18	24	24	39	36	26	25	25	26	26	16	17	30	23	11	14	12	11	7	21.5
CARLINVILLE	MAX	37	32	35	32	33	41	41	28	27	48	57	30	37	53	48	58	49	36	33	37	36	36	29	46	44	33	24	23	23	21	18	36.3
	MIN	26	29	28	27	22	24	15	12	12	15	29	15	24	20	32	46	34	22	23	28	21	29	13	15	28	22	15	14	10	12	1	21.4
GRIGGSVILLE	MAX	32	30	31	30	29	41	36	25	22	54	56	30	35	51	48	59	41	32	32	35	32	34	26	46	42	29	18	20	21	17	16	33.9
	MIN	28	29	27	24	24	28	13	11	9	16	27	13	24	28	38	41	29	24	25	26	25	24	14	17	29	18	11	12	8	12	- 2	21.0
HILLSBORO	MAX	35	33	35	34	32	42	41	31	29	45	55	31	37	52	48	58	47	40	34	36	37	36	28	47	45	35	22	24	22	23	28	36.8
	MIN	27	30	29	30	22		15	15	14			17	20	25			38	20	25	28	20		15			20	15	15	11	13	5	20.4
JACKSONVILLE 2 E	MAX	43	31	30	36	32	32	40	23	25	27	57	56	29	34	52	50	60	38	33	33	34	34	35	32	43	41	25	19	20	20	18	34.9
	MIN	27	28	28	28	24	17	14	13	11	11	27	14	14	21	21	36	37	24	25	26	23	27	14	15	29	23	13	11	9	8	2	20.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	44	33	31	34	34	32	44	25	28	31	58	40	34	37	52	53	61	48	40	34	38	37	36	40	51	46	28	19	22	24		37.8
	MIN	24	27	27	28	28	25	14	12	12	13	29	13	18	18	30	41	36	20	25	26	22	28	14	16	28	22	14	14	10	11		21.5
MORRISONVILLE	MAX	38	31	31	35	32	35	41	27	28	28	55	54	30	36	52	48	55	43	34	37	38	34	37	35	43	44	27	20	22	23	20	35.9
	MIN	26	27	27	28	25	22	15	12	11	12	27	14	17	23	28	36	37	24	22	24	23	27	13	14	31	21	14	12	8	10	-3	20.2
PANA	MAX	35	30	33	31	33	41	42	26	25	46	56	30	37	51	45	55	49	35	33	37	34	36	27	42	41	31	22	21	20	19	18	34.9
	MIN	27	28	28	27	23	22	16	14	13	19	29	16	25	28	33	43	33	25	24	28	25	26	14	16	30	21	14	14	9	12	4	22.1
SPRINGFIELD WSO AP	MAX	32	32	37	32	34	41	24	26	25	54	57	31	37	53	50	58	40	38	33	37	34	36	26	45	41	25	20	21	21	20	15	34.7
	MIN	29	29	30	24	23	22	16	14	12	20	22	13	26	24	37	40	31	27	25	24	22	17	12	18	25	18	13	13	9	11	-2	20.8
VIRDEN 1 N	MAX	37	39	36	32	35	41	41	30	27	46	56	32	37	52	47	58	54	35	38	37	34	35	27	45	41	32	24	21	22	20	18	36.4
	MIN	29	26	27	26	21	28	20	22	11	22	30	13	26	26	36	44	34	23	25	26	22	23	15	20	31	21	12	13	9	11	1	22.4
WHITE HALL 1 E	MAX	40	32	34	33	31	42	43	27	25	50	55	32	36	51	46	60	50	36	34	36	35	36	28	45	43	34	25	20	22	21	17	36.1
	MIN	31	28	28	28	23	28	13	13	12	18	30	14	22	21		45	35	24	24	28	24	28	14	17	19	22	13	14	10	12	-1	21.2
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	34	31	33	32	34	38	40	30	30	41	55	31	40	51	45	53	54	40	34	37	34	38	31	42	41	31	25	21	20	22	20	35.7
	MIN	27	28	28	26	22	17	15	13	13	19	28	15	25	24	30	41	38	27	20	27	20	30	10	12	30	20	13	12	8	12	4	21.1
EFFINGHAM 3 W	MAX	37	30	31	34	30	33	43	27	27	29	57	58	30	39	48	47	55	43	39	33	40	36	38	32	44	44	30	22	23	21	21	36.2
	MIN	29	28	30	29	22	19	17	17	15	15	28	17	17	23	23	37	39	23	23	24	19	24	14	14	29	23	15	15	12	11	5	21.2
FLORA 5 NW	MAX	37	33	35	33	34	42	45	28	32	46	59	32	42	50	46	55	55	46	38	36	37	40	32	48	48	35	27	24	23	20		38.6
	MIN	28	28	29	27	21	19	19	18	15	17	32	18	23	23	28	44	37	23	20	30	18	30	15	15	26	23	16	17	13	13		22.8
MATTOON	MAX	35	31	33	30	32	41	31	28	29	51	57	30	39	49	45	54	45	40	35	37	34	37	25	42	41	27	20	21	21	21	19	34.8
	MIN	26	27	28	26	20	20	15	13	12	19	21	14	25	24	33	43	30	27	23	25	23	18	11	16	23	17	13	12	9	12	4	20.3
MOWEAQUA	MAX	37	31	35	32	33	40	41	28	28	44	46	33	37	49	43	55	55	40	36	35	35	36	33	43	42	37	24	21	20	21	20	35.8
	MIN	27	28	28	27	22	21	15	13	11	19	33	15	19	23	33	41	38	27	24	27	24	31	13	14	33	20	14	12	8	11	2	21.7
NEWTON 6 SSE	MAX	36	33	32	34	32	34	43	28	26	32	56	58	29	40	49	48	55	45	44	38	41	36	39	31	45	37	30	24	25	22	20	36.8
	MIN	31	29	29	28	22	22	19	17	15	16	27	18	18	26	26	34	40	25	22	24	21	26	15	15	30	24	16	16	13	13	3	21.9
OLNEY 2 S	MAX	33	34	37	32	35	41	37	28	35	44	60	32	43	51	46	55	53	44	40	40	38	40	32	47	47	37	27	25	24	20	22	38.0
	MIN	30	29	30	29	23	20	20	20	19	19		19	25	24	28	45	40	27	21	33	19	32	15	17	27	26	18	17	15	14	5	23.5
PALESTINE	MAX	34	32	35	32	32	35	44	27	33	52	58	32	45	47	45	54	54	41	36	41	36	40	32	44	45	32	27	24	23	21	21	37.2
	MIN	31	30	31	28	27	22	20	17	18	22	32	17	27	27	30	44	33	27	21	29	21	32	14	16	30	25	18	16	13	15	2	23.7
PARIS WATERWORKS	MAX	33	31	32	31	30	37	39	37	30	46	56	29	42	51	42	53	53	38	32	34	34	38	28	40	40	32	24	20	19	24	20	35.3
	MIN	27	26	27	24	23	18	14	11	13	18	24	12	24	24	28	40	34	25	21	25	19	26	9	10	26	18	13	10	6	10	1	19.5
SALEM	MAX	37	33	34	33	34	44	45	29	32	47	58	33	41	52	47	55	55	48	40	36	38	39	32	50	46	39	27	25	25	21	19	38.5
	MIN	28	30	30	28	23	20	19	20	18	20	32	19	23	23	31	46	39	28	25	29	21	32	15	18	28	24	17	17	15	14	7	23.8
TUSCOLA	MAX	35	31	32	31	31	36	39	27	28	43	56	37	40	50	43	53	52	40	35	35	35	37	28	40	42	29	22	22	20	21	20	35.2
	MIN	27	28	28	26	23	17	14	12	12	19	25	7	28	24	32	40	35	30	23	25	21	28	10	13	29	18	13	10	7	11	1	20.5
VANDALIA 3 SW	MAX																																
	MIN																																
WINDSOR	MAX	35	30	32	31	33	39	41	29	35	43	51	32	39	56	42	52	54	37	35	38	34	37	31	42	41	30	23	22	22	22	19	35.7
	MIN	26	28	29	27	20	22	16	13	13	17	31	15	25	31	27	34	36	27	23	27	23	31	12	14	30	19	13	13	9	12	0	21.4
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	46	35	35	34	34	46	46	30	36	49	60	40	41	54	52	56	57	52	50	44	36	39	39	58	53	42	32	24	28	22	23	41.7
	MIN	32	30	30	30	25	28	23	22	19	23	40	25	20	29	30	49	33	31	28	34	25	33	18	21	37	28	21	20	15	15	14	26.7
BELLEVILLE SO ILL UNIV	MAX	39	35	34	33	32	43	45	29	31	47	58	36	40	52	50	57	59	50	48	38	36	40	33	55	53	46	30	26	25	24	19	40.1
	MIN	25	32	29	30	24	23	19	19	16	18	36	20	19	20	31	49	40	24	26	33	22	30	16	18	30	25	19	18	14	14	2	23.9
CAHOKIA	MAX	46		36	38	35	30	45	25	26	31				40	50	54	62	52	52	41	37	40	40	45	58	49	35	24	25	25	21	39.3
	MIN		27	26	30	29	25	18	18	18	18	19	19	21	22	30	36	36	23	23	31	22	29	19	21	29	26	19	18	15	14	10	23.0
CAIRO WSO CI	MAX	46	37	35	35	37	48	47	32	37	57	62	34	45	54	53	57	52	52	52	45	40	42	40	59	52	42	35	28	30	25	25	43.1
	MIN	34	30	32	32	31	32	28	26	25	30	34	30	30	33	41	50	38	39	36	36	33	30	25	30	41	32	27	26	22	21	15	31.3
CARBONDALE SEWAGE PL	MAX	44	38	36	34	33	33	49	32	29	35	60	61	31	42	52	52	58	50	52	49	39	38	39	38	57	50	33	28	25	26		41.4
	MIN	30	29	30	30	25	26	21	20	16	18	32	23	18	19	22	40	30	26	23	25	21	26	17	17	26	27	20	19	15	15		23.5
CARLYLE RESERVOIR	MAX		41	34	34	32	34	46	34	39	31	59	56	32	42	51	50	58	50	43	37	37	38	39	35	52	48	32	23	26	24	19	39.2
	MIN		27	29	29	24	25		18	16	16	29	19	19	26	28	40	39	27	24	27	25	27	15	11		24	16	17	14	13	5	22.5
DU QUOIN 4 SE	MAX	34	37	35	34	33	48	40	29	34	58	60	31	43	52	51	58	50	48	47	38	37	40	34	54	49	34	26	25	25	25	19	39.6
	MIN	32	30	30	23	26	28	20	21	19	23	22	23	22	26	37	42	32	26	27	27	23	22	16	25	31	24	19	17	15	16	5	24.2
KASKASKIA R NAV LOCK	MAX	45	38	35	35	33	37	32	29	27	27	60	59	33	39	53	52	58	53	51	42	38	38	40	40	61	50	32	25	26	26	20	39.8
	MIN	29	29	29	30	29	26	19	17	17	17	27	22	23	22	25	43	39	28	27	28	25	28	16	17	28	28	19	18	15	15	12	24.1
MARION 4 NNE	MAX	45	39	36	34	34	32	47	32	29	36	59	62	31	46	54	53	57	51	51	49	39	38	40	38	52	50	33	30	26	27	20	41.0
	MIN	32	30	30	30	23	23	22	20	17	20	30	23	20	24	26	41	32	30	25	26	22	28	15	15	32	27	21	19	15	15	15	24.1
NASHVILLE 4 NE	MAX	37	35	34	34	34	43	45	27	30	45	57	35	42	49	49	56	56	46	41	37	36	38	33	51	48	40	29	24	24	21	17	38.5
	MIN	27	30	29	30	25	26	19	20	18	22	34	20	23	28	36	49	39	28	25	33	25	32	16	21	35	25	18	18	14	14	7	25.4
SPARTA	MAX	40	35	33	33	32	45	44	28	32	50	58	33	41	52	50	57	55	49	43	37	35	39	34	57	51	42	26	25	25	22	18	39.4
	MIN	25	30	29	30	26	28	18	20	18	22	32	21	22	26	36	49	37	26	25	31	24	32	17	23	34	26	19	19	14	15	9	25.3
WATERLOO	MAX	45	35	35	33	32	33	44	29	27	36	59	51	31	37	50	52	60	50	49	41	36	39	39	42	57	47	36	23	25	24	20	39.3
	MIN	26	24	28	28	29	25	17	17	16	20	28	20	21	27	30	44	39	25	25	28	23	31	16	20	32	25	18	17	13	14	7	23.6
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	35	43	35	34	35	40	35	28	35	47	62	38	44	51	49	55	55	47	45	41	38	40	37	47	49	45	31	26	24	22	22	39.8
	MIN	33	29	30	29	15	22	20	19	20	24	32		26	31	31	44	37	29	23		21	34	15	20	34			17	15	14	9	24.9
BROOKPORT DAM 52	MAX	44	41	38	35	35	48	49	33	40	54	62	40	47	54	55	56	56	53	55	48	40	41	39	56	55	46	37	29	28	26	26	44.1
	MIN	32	26	29	29	26	28	26	23	21	25	37	25	27	28	34	46	35	31	26	36	24	36	19	22	36	29	24	21	18	17	16	27.5

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
DIXON SPRINGS AGR C	MAX	45	44	35	33	33	45	47	31	37	48	61	41	44	57	57	55	57	53	52	44	39	39	39	53	54	43	33	29	27	25	22	42.6
	MIN	31	29	31	31	24	26	24	23	20	24	41	24	25	28	39	49	35	32	25	36	24	35	17	21	32	29	22	21	16	17	15	27.3
FAIRFIELD RADIO WFIW	MAX	36	34	35	32	34	42	39	27	33	45	60	34	45	50	47	55	52	46	44	36	36	40	33	49	48	44	29	25	23	20	18	38.4
	MIN	31	29	30	30	23	20	19	18	18	20	34	20	25	25	29	46	39	26	25	34	20	33	15	17	27	27	20	18	15	15	8	24.4
HARRISBURG	MAX	42	38	37	33	35	47	47	30	35	53	62	37	47	51	54	57	59	50	49	44	39	41	35	50	50	43	34	27	27	24	21	41.9
	MIN	32	32	32	31	25	24	24	23	20	23	35	25	24	28	34	46	36	30	27	36	24	34	18	22	32	29	22	21	17	17	11	26.9
MC LEANSBORO 2 ENE	MAX	41	39	37	35	32	34	47	31	30	34	60	61	33	43	51	53	57	48	47	47	38	37	40	38	50	50	33	28	27	26	19	40.2
	MIN	32	30	30	30	23	22	22	19	20	20	20	21	21	27	30	40	35	29	27	30	23	26	15	15	33	28	19	19	16	16	9	24.1
MT CARMEL	MAX	40	37	35	35	32	35	46	31	28	35	55	62	30	45	49	48	55	47	47	45	37	38	42	35	47	50	35	31	26	23	21	39.4
	MIN	30	29	31	29	25	24	18	20	19	21	28	22	21	28	29	37	40	32	28	28	23	24	17	17	29	28	25	18	16	15	12	24.6
MT VERNON 3 NE	MAX																																
	MIN																																
RENO LAKE DAM	MAX	45		37	35	34	35	47	31	29	34	60	61	33	44	50	53	51	49	46	41	38	38	41	38	55	49	33	28	25	26	23	40.3
	MIN		30	30	30	24	24	21	20	21	21	32	21	22	21	28	41	31	30	30	31	24	29	16	16	35	27	19	19	15	15	11	24.5
ROSICLARE	MAX	46	38	37	33	34	46	48	31	38		62				55	57	56	57	54	46	40	41	38	53			34	27	28	23	25	41.9
	MIN	33	29	31	29	24	24	26	22	21			21			33	46	32	34	25	30	23	36	19	19			24	21	11	18	14	25.8

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	40	40	38	38	38	37	35	35	34	34	34	32	32	33	33	34	39	40	39	39	38	35	36	34	34	34	35	35	33	32	31	35.5
		MIN	36	35	35	34	34	35	35	33	30	30	30	31	31	32	33	32	33	37	35	35	34	33	32	32	30	30	32	32	30	31	29	32.6
	8	MAX	41	41	41	41	40	40	39	37	38	36	35	35	35	35	35	35	40	40	40	39	39	39	39	38	37	36	36	36	36	36	-	37.8
		MIN	41	41	40	40	39	38	37	36	36	35	30	35	35	35	35	35	35	40	39	38	38	37	37	37	35	36	36	36	35	35	-	36.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 3 W	SNOWFALL							T		T											T		T		1.4						.5	.4
	SN ON GND							T	T	T	T										T		T		1	1	T				1	2
FREEPORT WASTE WTR PLT	SNOWFALL			T				1.0		1.0									T				.5		1.0	T					T	.5
	SN ON GND							1	1	2	2												T		1	1	1	1	1	1	1	2
GALENA 1 N	SNOWFALL				.5	T	1.0		1.0						T			T	T		T		T		1.0				T		.1	.5
	SN ON GND				1	T	1	1	2	2	1				T			T							1	1	1	1	1	1	1	1
GALVA	SNOWFALL			T	T	T		T													T		T		1.0				T		1.0	.5
	SN ON GND			T	T	T		T	T	T	T										T	T	T	T	1	T	T		T		1	1
MOLINE WSO AP	SNOWFALL		.1	.1	.2	T	.3	T						T				T	T	.3		.4	T	.4	.8			.1			1.5	T
	SN ON GND	T		T	T	T	T	T	T	T	T										T	T	T	T	1	T	T	T	T	T	1	1
	WTR EQUIV																															
MORRISON	SNOWFALL			T				.5		T					T						T		.5		.1			T	T		1.0	.5
	SN ON GND			T	T	T	T	1		T	T				T						T		1		1			T	T		1	2
PAW PAW	SNOWFALL						.5	T													T		T	T	2.0			T	1.0		.5	-
	SN ON GND						1	T	T	T	T										T		T	T	2	2	1	1	2	2	3	3
ROCKFORD WSO AP	SNOWFALL		T	T	T	T	1.4	T	T	.4		T		T				T		T		.3	T		2.7			T			.2	.1
	SN ON GND		T	T	T	T	T	1	1	1	1												T	T	2	2	2	2	2	2	1	1
	WTR EQUIV																								.2	.3	.2	.2	.2	.2		
WALNUT	SNOWFALL		T	T	T				-	-								T		T		T			-			T			1.5	T
	SN ON GND																								T	T	T	T	T	T	2	2
* * * NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL	T		.3	T	1.5	T	2.5		.3	T												.2	.2	2.5	.3			.3			.5
	SN ON GND	T	T	T		1	1	3	3	3	3													T	2	2	2	2	2	2	2	3
AURORA	SNOWFALL					.1																			1.3	.4			.8		.4	.1
	SN ON GND																								1	2	1	1	2	2	2	2
CHICAGO O'HARE WSO AP	SNOWFALL	T	.3	1.3	.5	T	.6	T		T									T	T		T	T		1.2	T		.5			1.7	.1
	SN ON GND			T	1	1	1	1	1	1	T												T	T	1	1	1	1	1	1	1	2
	WTR EQUIV																															.1
CHICAGO MIDWAY AP	SNOWFALL	T				-		-			T												T	.1	T			.5	-	-	-	-
	SN ON GND	T	T	T	T	T	T	T	T	T																		1	1	1	4	4
	WTR EQUIV																															
DE KALB	SNOWFALL			T	T	T	.2	.8										T		.2		.3			1.5	.8		.5			.5	.1
	SN ON GND					T	T	1	T	T	T	T								T	T	T	T	T	1	2	2	2	2	2	2	2
MORRIS	SNOWFALL																						.5		1.1						.5	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	SNOWFALL																			.5		T			1.2			.5			1.0	.5
	SN ON GND																			1		T	T	T	1	1	1	1	1	1	2	2
PARK FOREST	SNOWFALL			T	T	1.0	T	T	T												T				.8	.3		.5			.5	1.5
	SN ON GND					1	T	T	T												T				1	1	1	2	2	2	1	4
* * * WEST 03																																
CANTON 1 ESE	SNOWFALL																		T	T					T				T	T	1.8	1.0
	SN ON GND																		T	T					T				T	T	2	3
LA HARPE	SNOWFALL			T		T															1.0				T			1.0			2.0	1.0
	SN ON GND					T															T	T	T	T				T			2	3
MONMOUTH	SNOWFALL				T	T														.5		T						T			2.0	
	SN ON GND																														2	2
QUINCY FAA AP	SNOWFALL		T	.1	T	.4	T													T		T		T	T			T		.5	2.6	
	SN ON GND				T	T															T							T	T	T	2	4
* * * CENTRAL 04																																
DECATUR	SNOWFALL		T	T	T										T						T				T					T	2.5	.5
	SN ON GND																														3	3
FARMER CITY	SNOWFALL																				T				T						1.0	1.0
	SN ON GND																				T	T	T		T						1	2
LACON 2 E	SNOWFALL			T	T			T														T						.5	T		1.0	.4
	SN ON GND			T	T			T														T						1			1	1
LINCOLN	SNOWFALL			T																	T		T						T		1.0	1.0
	SN ON GND			T																	T		T								1	2
NORMAL	SNOWFALL		T	T	T			T												.5	T	T	T		.2			.5			.8	1.0
	SN ON GND				T			T												T	T	T	T	T	T	T	T	T	T	T	T	1
PEORIA WSO AP	SNOWFALL		T	T	.1		.1	.1											T	.4		.3	T	T	T	T		.4			2.3	T
	SN ON GND			T	T	T		T													T	T	T	T	T			T	T	T	1	2
	WTR EQUIV																															.2
* * * EAST 05																																
DANVILLE	SNOWFALL		T	T	T	T		T																T	.5			T			1.5	.5
	SN ON GND																														1	2
HOOPESTON 1 NE	SNOWFALL		T	T	T	.2	T	T													.2		T	T	.8				T		1.0	.4
	SN ON GND				T	T	T														T	T		T	1	T					1	2
KANKAKEE WTR POLL CTR	SNOWFALL			T		T	T	T																	2.0			1.0	T		1.0	1.0
	SN ON GND			T			T	T																	2			1	1	1	2	3
PIPER CITY 3 SE	SNOWFALL			.1	T	.2		T	T												.7			T	.2				T		1.2	.6
	SN ON GND			T	T	T															1	T	T	T	T	T	T	T	T	T	1	2
PONTIAC	SNOWFALL				T		T	T													.5		T	T	1.0			T	T		1.0	1.0
	SN ON GND							T													T	T	T	T	1	T	T	T	T	T	1	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
URBANA	SNOWFALL		T																	.6		T	T		.1			T			2.5	T
	SN ON GNO																			-	T										2	1
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL			T	T	T																T						T	T		6.5	.5
	SN ON GNO																														6	6
EOWAROSVILLE 1 NE	SNOWFALL				T	T	T																								3.1	1.4
	SN ON GNO					T	T																								3	4
GRIGGSVILLE	SNOWFALL				T	T	T					T			T						T							T			5.0	1.0
	SN ON GNO				T	T	T					T			T						T							T	T	T	5	6
JACKSONVILLE 2 E	SNOWFALL			T	T										T								T								3.5	2.5
	SN ON GNO																														4	6
PANA	SNOWFALL		.1	.1	.2	.1															.2		.1						T		4.0	2.5
	SN ON GNO				T	T	T														T		T								4	7
SPRINGFIELO WSO AP	SNOWFALL		T	T	T		T	T												.2	T	.2						.2	T	.1	4.3	.1
	SN ON GNO			T	T	T		T													T							T	T	T	3	4
	WTR EOUIV																														.2	.3
WHITE HALL 1 E	SNOWFALL																														5.0	
	SN ON GNO																														5	5
* * * EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL				T	T																		T							4.5	1.0
	SN ON GNO				T																			T							5	5
OLNEY 2 S	SNOWFALL			T	.5																			T					T		5.0	1.0
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS WATERWORKS	SNOWFALL		T	T	.5	T		T													T			T							4.0	.5
	SN ON GNO																														4	5
SALEM	SNOWFALL																														4.0	.8
	SN ON GNO																														4	5
TUSCOLA	SNOWFALL			T	T																.5										1.5	1.0
	SN ON GNO			T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINOSOR	SNOWFALL		T	T	T																T		T	T				T			4.0	1.0
	SN ON GNO			T																	T										4	4
* * * SOUTHWEST 08																																
ANNA 1 E	SNOWFALL			T		T																									3.0	.3
	SN ON GNO			T																											3	3
BELLEVILLE SO ILL UNIV	SNOWFALL																														4.0	.5
	SN ON GNO																														4	5
CAIRO WSO CI	SNOWFALL			1.5																							T			T	1.2	
	SN ON GNO			1	1	T																									1	1
CARBONOALE SEWAGE PL	SNOWFALL				T		T																							T	2.0	2.5
	SN ON GNO				T																										2	5
NASHVILLE 4 NE	SNOWFALL				T	T																									3.2	2.2
	SN ON GNO																														3	5
SPARTA	SNOWFALL				T	.3																							T		3.0	.5
	SN ON GNO																														3	3
* * * SOUTHEAST 09																																
ALBION	SNOWFALL				T																										-	-
	SN ON GNO				T																										3	4
BROOKPORT OAM 52	SNOWFALL			1.5																											.3	1.7
	SN ON GNO			2	T	T																									T	2
OIXON SPRINGS AGR C	SNOWFALL																														2.1	.5
	SN ON GNO																														2	3
GOLCONOA OAM 51	SNOWFALL				1.0																										1.5	2.5
	SN ON GNO				1																										2	4
HARRISBURG	SNOWFALL			T	T																	T							T		4.0	1.0
	SN ON GNO			T	T																										4	5
MC LEANSBORO 2 ENE	SNOWFALL			T	.5																										2.5	2.0
	SN ON GNO			T	1	T																									3	5

SEE REFERENCE NOTES FOLLOWING STATION INOEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D OUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			THEODORE W VOLDING
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 50	89 40	588	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
C	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

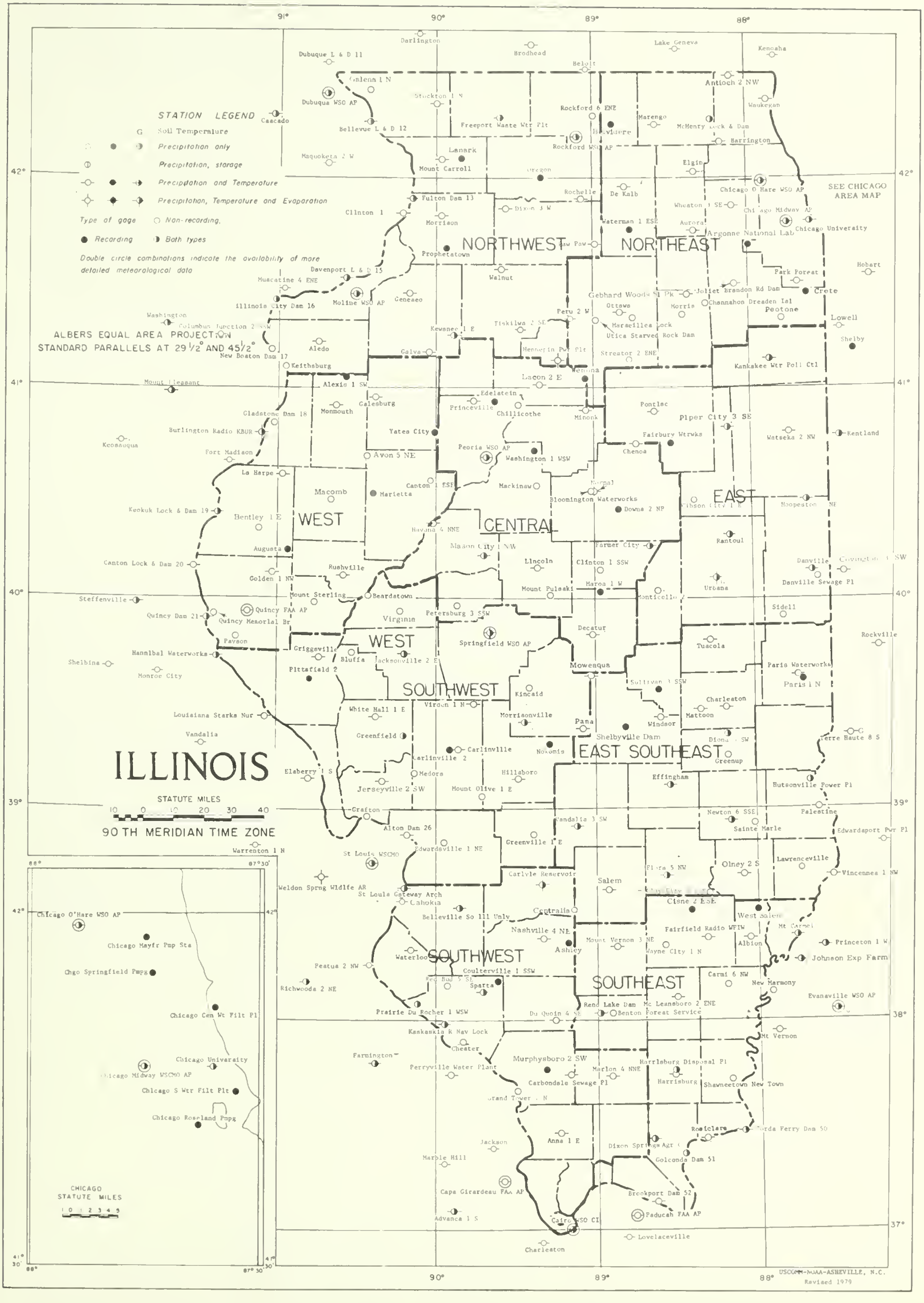
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE

FEBRUARY 1980 VOLUME 85 NUMBER 2

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	67	DATE 22+
LOWEST TEMPERATURE:	MOUNT CARROLL	-17	DATE 17
GREATEST TOTAL PRECIPITATION:	RANTOUL	2.87	
LEAST TOTAL PRECIPITATION:	QUINCY DAM 21	.27	
GREATEST DAY PRECIPITATION:	SIDELL	1.70	DATE 22
GREATEST TOTAL SNOWFALL:	CHICAGO MIDWAY AP	23.5	
GREATEST DEPTH OF SNOW OR ICE:	4 STATIONS	10	DATE 29+

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	38	NW	25	-	-	-	-	0	2	3	1	0	0	6	38	-
CHICAGO O HARE WSO AP	30	3.9	11.0	35++	35	25	79	78	67	72	9	8	5	0	0	0	22	-	6.8
MOLINE WSO AP	32	1.8	10.9	28++	33	25	81	81	69	73	3	9	4	0	0	0	16	40	6.6
PEORIA WSO AP	30	1.3	9.4	30++	33	25	83	85	74	77	5	7	5	0	0	0	17	43	7.1
ROCKFORD WSO AP	32	2.1	10.1	32++	1	25	78	81	68	68	5	7	4	0	0	0	16	-	6.3
SPRINGFIELD WSO AP	27	1.5	11.4	31++	32	25	73	75	68	71	7	4	5	0	0	0	16	38	7.6

CLEMSON UNIVERSITY LIBRARY
JUN 3 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
FEBRUARY 1980

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEOO	29.6	13.6	21.6	- 5.5	46	20	- 6	1	1254	0	0	21	27	3	1.17	- .07	.44	5	12.9			5	0	0
OIXON 3 W	27.4	8.0	17.7	- 8.2	40	21+	-14	17	1365	0	0	22	27	12	1.11	- .15	.31	22	14.3	9	6	5	0	0
FREEPORT WASTE WTR PLT	28.6	8.3	18.5		42	21	-10	17	1345	0	0	22	26	14	.91		.26	22	12.2	8	6	4	0	0
FULTON OAM 13	27.1	9.2	18.2	- 7.4	41	21	- 7	17	1351	0	0	23	26	9	1.13	.03	.31	22	11.5	5	18+	6	0	0
GALVA	26.9	11.3	19.1	- 8.0	41	21	- 6	17	1322	0	0	22	26	9	1.94	.60	.55	22	15.5	8	17+	6	1	0
GENESEO	27.4	13.3	20.4		40	20	- 4	17	1286	0	0	22	26	2	1.28	.09	.31	25	13.4	6	18+	5	0	0
HENNEPIN POWER PLANT	29.8M	11.5M	20.7M		42	21	- 6	17	1262	0	0	21	26	8	1.07		.30	22	14.0			5	0	0
KEWANEE 1 E	26.6	9.2	17.9	- 9.1	39	21	- 6	29+	1358	0	0	22	29	9	1.33	- .06	.40	22	15.0	6	28+	5	0	0
MOLINE WSO AP R	27.3	11.0	19.2	- 6.5	40	20	-10	17	1324	0	0	22	26	7	1.55	.26	.41	5	13.1	6	6	4	0	0
MORRISON	28.4	8.8	18.6	- 7.8	41	21	- 9	17	1339	0	0	21	27	13	1.30	.02	.27	25+	17.5	9	7	6	0	0
MOUNT CARROLL	28.3	4.2	16.3	- 8.7	41	21	-17	17	1406	0	0	22	27	14	1.15	.00	.31	22	16.5	10	6	5	0	0
PAW PAW	26.5	7.2	16.9		39	21	-10	17	1388	0	0	24	28	13	1.05	- .36	.28	6	12.5	8	16	3	0	0
ROCHELLE	27.6	8.0	17.8		39	22+	-11	18+	1360	0	0	23	28	12	1.00		.31	22	12.9	8	15	4	0	0
ROCKFORO WSO AP //R	26.1	8.1	17.1	- 6.9	38	21	-12	12	1380	0	0	23	27	11	1.07	- .22	.29	25	13.0	5	18+	4	0	0
STOCKTON 1 N	26.4	7.1	16.8		40	21	- 9	4	1390	0	0	23	28	14	.84		.30	22	9.7			4	0	0
TISKILWA 2 SE	28.8M	13.7M	21.3M		41	20	- 2	1	1258	0	0	21	25	5	1.58	.20	.45	22	18.5	7	18+	5	0	0
WALNUT	27.5	12.7	20.1	- 6.6	38	23+	- 7	17	1295	0	0	22	27	3	1.61	.35	.27	15	14.5	6	17+	8	0	0
OIVISION			18.7	- 7.0											1.24	.01			13.9					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	29.3	8.6	19.0	- 5.7	41	22	-10	3	1331	0	0	22	27	11	.90	- .36	.24	22	12.1	7	11+	2	0	0
AURORA		11.9	M				- 9	17					26	7	1.12	- .37	.28	22	11.2	6	15+	6	0	0
8ARRINGTON	27.9	10.9	19.4		43	22	- 6	2	1318	0	0	22	26	9	.79		.18	6	7.4	3	9+	5	0	0
CHICAGO O'HARE WSO AP R	29.0	14.0	21.5	- 4.6	46	21	- 5	17	1254	0	0	21	25	4	1.24	- .06	.33	25	14.7	5	28+	5	0	0
CHICAGO UNIVERSITY //	32.1	21.2M	26.7M	- 1.5	43	20+			1084	0	0	17	25		1.41	- .15	.33	25	17.9	10	29	6	0	0
CHICAGO MIOWAY AP //R	29.7	12.3M	21.0M	- 6.4	45	21	- 2	17	1268	0	0	21	27	4					23.5	9	29		0	0
OE KAL8	28.5	11.3	19.9	- 4.7	40	21	- 7	17	1300	0	0	22	27	9	.81	- .52	.16	25	16.4	9	7+	4	0	0
ELGIN	27.3	10.2	18.8		43	22	- 5	18+	1335	0	0	22	28	7									0	0
GE8HARO WOOOS ST PARK	29.1M	10.2M	19.7M		44	22	- 8	4	1310	0	0	19	25		0 1.95		.55	6	16.8	10	13+	6	1	0
JOLIET 8RANOON RO OAM	29.9	10.9	20.4	- 6.9	43	22	- 8	17	1287	0	0	19	28	6	1.31	- .22	.52	22				5	1	0
MARENGO	27.7	7.8	17.8	- 6.3	40	22	- 9	10	1363	0	0	22	28	12	1.08	- .23	.35	22	8.9	6	9	5	0	0
OTTAWA	31.8M	15.8M	23.8M	- 4.6	42	21+	- 3	1	1185	0	0		24		1.49	.04	.31	15	14.0	7	17+	5	0	0
PARK FOREST	29.4	13.7	21.6		43	22	- 4	17	1255	0	0	19	26	1	0 1.62	- .02	.38	22	14.2	7	28+	6	0	0
PERU 2 W																								
WAUKEGAN	28.2	10.4	19.3	- 6.3	40	20	- 6	2	1318	0	0	20	28	8	1.19	- .13	.36	26	16.1			4	0	0
WHEATON 3 SE	31.4M	14.3M	22.9M		45	21			1213	0	0	20	25	9	.99	- .44	.25	25	16.1			3	0	0
OIVISION			20.8	- 5.8											1.22	- .23			14.6					
* * *																								
WEST 03																								
GALES8URG	28.6M	13.5M	21.1M		41	20	- 5	1	1267	0	0	22	26	4	1.28	- .16	.33	22	11.6	9	16	5	0	0
GOLOEN 1 NW	31.9	14.9	23.4		45	24	-11	1	1199	0	0	15	26	5	.28	- 1.24	.10	8	6.0	5	17+	1	0	0
LA HARPE	31.7	13.5M	22.6M	- 6.3	45	24	- 6	1	1226	0	0	18	27	5	1.10	- .28	.38	22	6.5	6	6	5	0	0
MONMOUTH	30.3	14.7	22.5	- 5.4	41	24	- 3	1	1226	0	0	20	26	3	1.21	- .32	.35	15	11.0	6	17+	6	0	0
OUINCY FAA AP	30.4	17.3	23.9		45	24	- 6	1	1186	0	0	15	23	1	.64	- .80	.18	14	9.1	6	11+	3	0	0
OUINCY OAM 21 //	31.0	12.9	22.0		47	22	- 5	2+	1241	0	0	17	25	5	.27	- 1.18	.10	15		6	10+	1	0	0
RUSHVILLE	31.3	15.3	23.3	- 7.2	44	24	- 9	1	1204	0	0	19	25	3	.82	- .78	.31	15	7.7	4	17+	2	0	0
OIVISION			22.7	- 6.9											.80	- .67			8.7					
* * *																								
CENTRAL 04																								
CHENOA	29.0	13.7	21.4		42	24	- 5	17	1257	0	0	22	27	5	1.39		.40	15	12.0	6	17+	6	0	0
OECATUR	32.1	14.1M	23.1M	- 8.6	48	22	- 6	1	1207	0	0	17	25	7	1.96	- .12	1.10	15	9.3	4	12+	5	1	1
FARMER CITY																								
HAVANA 4 NNE	30.0	12.4	21.2		44	25	- 6	4	1263	0	0	19	25	7	1.18	- .41	.45	15	12.0			5	0	0
LACON 2 E	30.8	14.2	22.5		42	19	- 4	17+	1226	0	0	18	27	7	1.74		.51	15		6	18+	5	1	0
LINCOLN	31.4	16.6	24.0	- 6.5	44	22+	- 2	1	1182	0	0	19	24	2	.85	- 1.01	.35	15	5.0	2	18+	4	0	0
MASON CITY 1 NW	30.0	14.6	22.3		43	24	- 5	1	1234	0	0	18	25	5	.71		.40	15	5.0	4	18+	1	0	0
MINONK	27.5	11.3M	19.4M	- 8.3	38	23	- 9	17	1314	0	0	23	28	7					13.6					
NORMAL	30.6	15.4	23.0	- 7.0	43	21	- 3	1	1212	0	0	21	25	3	1.02	- .62	.34	15	8.4	3	18+	4	0	0
PEORIA WSO AP //R	27.7	12.1	19.9	- 7.8	42	24	- 8	17	1300	0	0	23	26	6	1.06	- .44	.28	14	11.3	7	16	5	0	0
PRINCEVILLE	29.5M	12.9	21.2M		43	24	- 6	17	1259	0	0	20	26	7	1.08	- .14	.52	15	13.5			3	1	0
OIVISION			21.8	- 7.7											1.22	- .40			10.0					
* * *																								
EAST 05																								
OANVILLE	32.2	14.8	23.5	- 7.4	49	22	- 4	12	1196	0	0	16	25	5	2.23	.23	.83	22				5	1	0
HOOPESTON 1 NE	29.6	13.9	21.8	- 7.7	44	22	- 4	1	1248	0	0	21	25	6	1.40	- .47	.37	15	10.3	5	29+	5	0	0
KANKAKEE WTR POLL CTR	30.3	11.3	20.8		44	22	- 4	17	1274	0	0	21	27	6	1.01		.27	15	16.0	7	26+	4	0	0
PIPER CITY 3 SE	29.1	12.5	20.8	- 7.7	43	22+	- 6	17	1273	0	0	20	27	7	1.17	- .43	.43	15	11.8	6	18+	3	0	0
PONTIAC	29.6	13.9	21.8	- 7.1	42	24	- 7	10	1251	0	0	19	26	6	1.20	- .23	.31	15	12.5	6	18+	5	0	0
RANTOUL	29.6	9.3M	19.5M		48	22	- 5	29+	1315	0	0	17	26	10	2.87	1.07	.80	28				6	2	0
UR8ANA	30.1	15.8	23.0	- 7.3	49	21	1	10	1214	0	0	20	26	0	1.70	- .32	.52	21	9.7	4	28	4	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	29.9	9.4	19.7		43	22+	- 8	3	1308	0	0	19	25	11	1.74	- .06	.45	15	15.2	9	18+	6	0	0
DIVISION			21.4	- 7.8											1.67	- .09			12.6					
* * * WEST SOUTHWEST 06																								
ALTON DAM 26	33.5	17.5	25.5		59	22	1	2+	1137	0	0	14	25	0	1.03		.54	15	5.1	5	6+	4	1	0
CARLINVILLE	33.7	16.6	25.2	- 7.7	51	22	- 7	1	1148	0	0	16	25	4	1.21	- .81	.60	15	5.5	6	10+	2	1	0
GRIGGSVILLE	31.3	16.9	24.1	- 7.7	43	24+	- 6	1	1179	0	0	16	24	2	.80	- .80	.43	15	5.0	6	12+	3	0	0
HILLSBORO	33.9	15.1M	24.5M	- 9.3	54	22	- 5	1	1190	0	0	15		3	1.17	- 1.04	.52	16	7.5			3	1	0
JACKSONVILLE 2 E	29.9	12.6	21.3	-10.8	44	25+	- 8	10+	1261	0	0	17	26	6	1.15	- .52	.54	15	6.9	7	6	2	1	0
JERSEYVILLE 2 SW	32.5	13.6	23.1		55	22	-12	1	1211	0	0	15	27	5	.87		.46	15	6.0	6	12+	3	0	0
MORRISONVILLE	31.0	11.3	21.2		50	22	-16	4	1266	0	0	17	25	7	1.34		.48	15	9.2	8	7+	4	0	0
PANA	31.3	17.1	24.2	- 8.3	50	21	- 4	1	1173	0	0	18	24	2	1.22	- .99	.52	15	6.3	7	9+	5	1	0
SPRINGFIELD WSO AP R	29.3	14.2	21.8	- 8.6	46	21	-11	1	1249	0	0	19	26	4	1.42	- .35	.41	15	11.7	5	7+	5	0	0
VIRDEN 1 N	32.0	16.2	24.1		46	24+	- 5	10+	1179	0	0	17	25	4	1.37	.70	.58	15	12.5	6	6	3	1	0
WHITE HALL 1 E	33.9M	17.0	25.5M	- 7.6	48	21	-10	1	1136	0	0	14	27	3	.67	- .90	.50	15				2	1	0
DIVISION			23.7	- 9.0											1.11	- .81			7.6					
* * * EAST SOUTHEAST 07																								
CHARLESTON	32.2	16.5	24.4	- 8.0	53	22	- 3	1	1174	0	0	17	25	4	D 1.48	- .56	.40	6		6	9+	5	0	0
EFFINGHAM 3 W	31.1	11.9	21.5	-11.4	53	22	- 5	5+	1257	0	0	17	25	8	1.47	- .72	.51	15	10.4	7	9+	5	1	0
FLORA 5 NW	34.5	15.8	25.2	- 9.6	55	22	- 7	4+	1151	0	0	15	25	5	1.18	- 1.49	.62	15		6	9+	5	1	0
MATTOON	31.5	15.1	23.3		52	21	- 2	10	1203	0	0	17	26	3	1.28		.50	15		6	12+	4	1	0
MOWEAQUA	31.6	15.3M	23.5M		49	22	- 7	10	1197	0	0	17	25				.80	22						0
NEWTON 6 SSE	32.0	12.7	22.4		55	22	- 6	5+	1231	0	0	16	25	5	.96	- 1.39	.42	15		5	10+	4	0	0
OLNEY 2 S	34.2	16.9	25.6	- 9.7	51	22+	- 8	1	1138	0	0	12	24	4	1.46	- 1.19	.45	15	5.0			6	0	0
PALESTINE	33.6	17.1	25.4	- 8.9	57	22	- 4	1	1144	0	0	15	24	2	1.18	- 1.40	.65	15	11.0	5	9+	3	1	0
PARIS WATERWORKS	31.6	13.2	22.4	- 9.5	51	21	- 5	1	1230	0	0	19	26	7	1.20	- 1.09	.36	15	13.9	6	16+	4	0	0
SALEM	35.1	18.1	26.6		57	22	- 5	1	1109	0	0	14	24	2	1.41		.74	15	4.8	6	10+	3	1	0
TUSCOLA	31.2	15.3	23.3		48	23+	- 2	1	1203	0	0	20	25	3	D 2.39	.33	1.04	22	9.5			7	1	1
VANDALIA 3 SW																								
WINDSOR	32.3	16.2	24.3	- 7.7	47	22+	- 5	1	1174	0	0	16	25	2	1.39	- .94	.44	15	9.8	6	6	4	0	0
DIVISION			24.0	- 9.2											1.40	- .96			9.2					
* * * SOUTHWEST 08																								
ANNA 1 E	39.8M	22.0	30.9M	- 6.7	65	21	2	1	981	0	0		21	0	1.64	- 1.81	.64	15	5.7	5	5	5	1	0
BELLEVILLE SO ILL UNIV	37.1	20.0	28.6		60	22+	- 4	2	1052	0	0	12	24	1	1.04		.72	15	3.5	5	8	2	1	0
CAHOKIA	36.4M	17.7	27.1M		63	22	- 1	2+	1101	0	0	11	23	2	0 1.10		.75	15	4.0			4	1	0
CAIRO WSO CI R	40.6	27.1	33.9	- 5.8	67	21	10	1	898	0	0	7	21	0	1.64	- 2.13	.80	15	5.9	5	10+	4	1	0
CARBONDALE SEWAGE PL	38.4	16.5	27.5	-10.0	65	22	- 6	2	1080	0	0	9	24	5	1.38	- 1.71	.45	16	4.8	5	10+	4	0	0
CARLYLE RESERVOIR	33.7M	16.5M	25.1M	- 9.6	58	22	- 4	1	1154	0	0	14	25	2	1.25	- 1.16	.60	15	4.8	7	9+	3	1	0
DU QUOIN 4 SE	35.8	19.1	27.5	- 9.5	62	21	- 2	2	1084	0	0	14	24	1	1.79	- 1.10	.90	15	6.3	6	9+	4	1	0
KASKASKIA R NAV LOCK	36.1	18.6	27.4		62	22	- 2	2+	1084	0	0	11	23	2	1.31		.64	15	.5	1	9+	4	1	0
MARION 4 NNE	37.6	17.2	27.4		65	22	- 5	2	1083	0	0	10	23	5	2.22	- 1.01	.61	16	7.5	7	7+	7	1	0
NASHVILLE 4 NE	34.7	19.7	27.2		56	22+	- 2	1	1088	0	0	13	24	1	1.40	- 1.21	.55	15	7.0	7	10+	5	1	0
SPARTA	37.5	21.4	29.5	- 7.6	62	21	- 1	1	1023	0	0	9	23	1	1.63	- 1.01	1.02	15	6.7	5	13+	3	1	1
WATERLOO	35.5	19.4M	27.5M		62	22	- 2	1	1082	0	0	14	23	2	1.49	- .78	.56	15	6.3	5	10+		1	0
DIVISION			28.3	- 8.7											1.49	- 1.45			5.3					
* * * SOUTHEAST 09																								
ALBION	37.1M	19.6M	28.4M		60	22	- 1	1	1074	0	0	10		1						3	10+			0
BROOKPORT DAM 52	42.1	22.0	32.1		66	21	0	2	944	0	0	5	23	1	1.28	- 2.48	.65	16	4.8	4	10+	3	1	0
DIXON SPRINGS AGR C	40.8	22.3	31.6		67	22	- 1	2+	966	0	0	12	21	2	1.48		.42	15	6.5	6	9	5	0	0
FAIRFIELD RADIO WFIW	34.9	18.3	26.6	- 9.3	53	22+	- 5	2	1105	0	0	11	23	3	1.43	- 1.40	.78	15	5.5	6	10+	4	1	0
HARRISBURG	39.3	21.1	30.2	7.9	67	21	- 6	2	1004	0	0	7	21	3	1.55	1.60	.60	15	9.0	7	8+	4	1	0
MC LEANSBORO 2 ENE	35.5	17.0	26.3	-10.7	60	22	- 4	2	1116	0	0	14	24	3	1.60	- 1.29	.47	16	4.9	5	11+	6	0	0
MT CARMEL	35.4	17.5	26.5		59	22	2	2+	1110	0	0	16	26	0	.79		.33	26	4.5	4	1	4	0	0
MT VERNON 3 NE	36.0	17.3M	26.7M	- 8.9	60	23	- 5	2	1115	0	0	11		2	1.39	- 1.19	.55	15	13.3	7	9	4	1	0
REND LAKE DAM	37.5M	18.3M	27.9M		63	22	- 2	2+	1084	0	0	12		2										0
ROSICLARE	40.5	21.9	31.2		65	21	2	2+	972	0	0	7	22	0	1.45	- 2.25	.60	15	3.9	6	9+	6	1	0
DIVISION			28.8	- 8.0											1.37	- 1.72			6.6					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	1.17					.44				.02						.27						.10	.23			.11						
DIXON 3 W	1.11					.09	.20	T		.04		T				.14	T						.31			.15	T	T	.18			
FREEPORT WASTE WTR PLT	.91					.05	.10	T		.04						.06							.26			.21	T		.19			
FULTON DAM 13	1.13					.10	.10	.01		.03		T				.24	.02						.31			.15	T	T	.17			
GALENA 1 N	1.21					.09	.31			.01						.03					T	T	.33			.32			.12			
GALVA	1.94					.10	.30	T		.05		T				.34	.07						.55			.35	.05	.02	.11			
GENESEO	1.28				T	.22	.06		.03			T			.21	.07						.21	T			.31	.01	.11	.05			
HENNEPIN POWER PLANT	1.07					.07	.11			.07						.10	.08						.30			.12			.22			
ILLINOIS CITY DAM 16 //	1.23					.15	.31			.03		T				.20	.05						.23			.24		T	.02			
KEITHSBURG	1.34					.15	.22			.04		T				.36	.03					T	.34			.18		.02	T	T		
KEWANEE 1 E	1.33					.08	.30	T	T	.04		.01				.20						T	.40			.15	T	T	.15			
MOLINE WSO AP R	1.55				.01	.41	.05		.03	T	T	.01			.20	.08					T	.35	.01			.25	.02	.05	.08			
MORRISON	1.30					.11	.25	.05		.02		T				.12	.02						.27			.27		T	.19			
MOUNT CARROLL	1.15					.13	.23			T						.05	T						.31	T		.27		T	.16			
NEW BOSTON DAM 17	1.74					.16	.20	T		.10	T	T	T			.55	.05					T	.44			.22	T	.02	T			
PAW PAW	1.05					.04	.28			.08						.07	.06						.21	T		.09			.22			
ROCHELLE	1.00				T	.04	.20			.05						.07	T	T					.31	T		.10	T		.23			
ROCKFORD 6 ENE	-					-	.08			.02						.07						.01	.16			-		T	.10			
ROCKFORD WSO AP //R	1.07			T		.21	.06		.04	.01		T		T	.06	.05				T		.16	.01			.29	T	.10	.08			
STOCKTON 1 N	.84					.05	.10	T		T						.05	T				T		.30	T		.17			.17			
TISKILWA 2 SE	1.58					.24	.01		T	.05		T				.27						.07	.45			.26	T		.23			
WALNUT	1.61					.21	.26		T	.10		T				.27	.05					.13	.19			.21	T		.19			
* * * NORTHEAST 02																																
ANTIOCH 2 NW	.90				.05	T	.22	.03	T	.03				T		.06	.06						.24			.06	.08	T	.07			
AURORA	1.12				.02	.02	.26	T		.12		.01				.10	.01				T		.28			.10	.01	T	.19			
BARRINGTON	.79					.02	.18	T		.08						.11	.03				.01		.12			.14	T	T	.10			
CHANNAHON DRESDEN ISL	2.19					.06	.37	T		.10		.02				.22	.10						.53			.32	.06	T	.41			
CHICAGO O'HARE WSO AP R	1.24			.06	T	.11	.04	T	.09	.10	T	T		T	.01	.19				T	T	.09	.10	T		.33	T	.04	.06	.02		
CHICAGO UNIVERSITY //	1.41			T	.02	.06	.15	.02	.01	.08						.13	.08				T					.33	.10		.13	.30		
CHICAGO MIDWAY AP //R	-	*	.04				-							T		-						.06			T	.05	T	T	T	.13		
DE KALB	.81			T		.07	.10			.07						.11	T					.08	.08			.16	T		.14			
ELGIN	-					-	-			.24						-	-						.16			.10		.17				
GEBHARD WOODS ST PARK	D 1.95					.08	.55	T	T	.10	T				T	.15	.07						.39	T		D .310	.08		.22			
JOLIET BRANDON RD DAM	1.31					.02	.17		T	.07		.03	T			.15	.05				T		.52			.08	.10	T	.12			
MARENGO	1.08				.01	.03	.17	.01		.05		T				.08	.02				.02	.10	.35			.12	.01	T	.11			
MARSEILLES LOCK	1.42	T				.07	.23	T		.07		.02	T			.21	.04						.39			.15	.01	T	.23			
MC HENRY LOCK AND DAM	.95	T			.04	.02	.10	.01	T	.05		T				.10	.05				T	T	.25			.25	T	T	.08			
MORRIS	-					-	-									-	-						-			-			-			
OTTAWA	1.49					.25	.04			.07		.01				.31	.02					.03	.27	T		.26			.23			
PARK FOREST	D 1.62				.020	.05	.25			.06	T				.18	.06							.38			D .300	.20		.12			
PEOTONE	.81				T	T	.14			.04		T				.14	.03				T		.16			.03	.11	T	.16			
PERU 2 W		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STREATOR 2 ENE	1.95					.30	.10		T	.01		.03				40	T				T	T	.51			.32	T		.28			
UTICA STARVED ROCK DAM	1.52					.04	.09	T		.05		.01			T	.22	.08						.52			.28	.02	T	.21	T		
WAUKEGAN	1.19				.09	T	.04	.07	T	.08						.09	.10				.02	.01	.15	.01		.01	.36	T	.16	T		
WHEATON 3 SE	.99				.06	.07	.08			.02	.05	.02				.08	.09				T		.16			.25			.11			
* * * WEST 03																																
AVON 5 NE	.51					.18				T						*	.15									.18				T		
BENTLEY 1 E	.84					.08	.01		.02	T	T				T	.45	.03					.25				T				T		
CANTON 1 ESE	2.23					.30	.38		T							.28						.10	1.10		.03	.04						
GALESBURG	1.28					.18	.18	T		.03		T				.29	.06						.33	T		.11	.04	.04	.02			
GLADSTONE DAM 18	.76					.10	.16	T		.06		T	T			.20	.09					T	.08			.07						
GOLDEN 1 NW	.28				T	.08		T	.10	T	T					.05						T	T			T	.05					
LA HARPE	1.10					.13	.12		T							.35	.10						.38			T	.02					
MACOMB	.81					.15	.03	.01		.05			T			.36	.10					T	.08			.03	T					
MONMOUTH	1.21					.22	.10		T	.03						.35						.12	.25			.14	T					
MOUNT STERLING	.58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.58									T		T				
PAYSON	.79					.27	T	T	T	.07						.25	.13						.01			.06	T					
QUINCY FAA AP	.64			T	.06	.10	.01	T	.03	T		T			.18	.09						T				.05				.12		
QUINCY DAM 21 //	.27					.05	T	T	T	.06						.10						.01	.02			T	.03					
QUINCY MEMORIAL BRIDGE	.77					.21	T	T		.04	T				T	.27	.17					.01	.04			.03	T					
RUSHVILLE	.82					.14	.09		.06							.31	.08			.02	T	.05	.04			.03				T		
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.30					.07	.10			.15		T				.35	.15						.29			.10			.09	T		
CHENOA	1.39					.17	.20		T	T		T				.40	.06					T	.10	T		.22	T		.24			
CHILLICOTHE	1.70					.04	.15		T	.07						.43	.09					T	.61			.13	.07		.11			
CLINTON 1 SSW	1.17					.06	.17	.03		.05			T			.43	.12				T	T	.07			.12	.11		.01			
DECATUR	1.96					.08	.12	T		.02	T		T			1.10	.12				T		.31			.17	.04					
FARMER CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-		
HAVANA 4 NNE	1.18					.16	.16	T		.06	T					45	.12			T	T	T	.08	T		T	.15	T	T			
LACON 2 E	1.74					.20	.06		T	.09		T				.51	T				T	.01	.46	T		.21	T		.20			
LINCOLN	.85					.08	.12	T		.03			T			.35	.10				T		.05			.11	.01					
MACKINAW	1.25					.15	.14		.03	.06						.38	.15				.01	.02	.12			.16	T		.03			
MASON CITY 1 NW	.71					.08	.06		T	.05						.40	.04				T	T	.01			.07						
MINONK	-					-	-		-	-						-	-				T	T	.30	T		-		-	-			
MOUNT PULASKI	.87					T	.10	.06								.30	.25					T	.03				.13					
NORMAL	1.02					.08	.09		T	.07		T				.34	.05				T	T	.15			.14			.10			
PEORIA WSO AP //R	1.06					.22	.02		.04	T		T		T	.28	.17				T	.01	.10	.02			.15	T	.01	.03	.01		
PETERSBURG 3 SSW	.81					.05	.04	T		.03						.49	.08						.03			.09	T					
PRINCEVILLE	1.08					.14	.09		.01							.52							.27			.05	T		T			
* * * EAST 05																																
DANVILLE	2.23					.07	.15			.03		.04				.33	.08					T	.83			.35			.35			
DANVILLE SEWAGE PLANT	2.58						.21	T		.04					T	.32					T	T	1.37				.19		.45			
GIBSON CITY 1 E	1.27					.07	.11			.06		.01				.26	.09				T		.15			.13	.05		.34			
HOOPESTON 1 NE	1.40	T				T	.12	T		.03		T	.02			.37	T				T	T	.35	T		.04	.20	T	.27			
KANKAKEE WTR POLL CTR	1.01					.03	.19					.03				.27							T			.08	.21		.20	T		
MONTICELLO 2	1.48					.02	.24			.05						.44	.08				T	T	.33			.16	.13		.03			
PIPER CITY 3 SE	1.17	T				.02	.05	.02		.06			.01			.43	.02				T	.03	.15	T		.03	.26	T	.09			
PONTIAC	1.20					.04	.16	T		.03						.31	.07						.11			.05	.22	T	.21			
RANTOUL	2.87					.05	.26			.05		T				.32	.72				T		.30			.37			.80			
SIDELL	2.64						.22			.03			.01			.26	.07						1.70			.01	.16		.18			
URBANA	1.70					.19	.05		.03	.02		.03			.05	.36				T	T	.52				.26		.09	.08	.02		
WATSEKA 2 NW	1.74						.31		T	T						.45	.10				T		.22			T	.44		.22	T		
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	1.03					.13	T	T	T	.12						.54	.24				T					T	T					
BEARDSTOWN	.68					.18	.06	T		.04						.35	.05				T	T				T						
BLUFFS	-	-	-	-	-		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.21					.25	.05		.03	.02		T				.60	.09			T	.01	.03	.04			.09			T	T		
EDWARDSVILLE 1 NE	1.34					.14	.01	T	T	.07						.61	.39					T				.12	T					
GRAFTON	1.08					.05	.03		T	.07	T					.45	.25				T	T	.18			.05	T					
GREENFIELD	1.04					.13	.04	T	T	.08			T			.41	.14				.02		.16			.06	T					
GREENVILLE 1 E	1.44					.15	.06			.07						.61	.31					.01	.15			.08	T					
GRIGGSVILLE	.80					.14	T			.07						.43	.10				T		T			.06	T					
HILLSBORO	1.17					T	.31		T	.20						.05	.52				T	.04	T			.05						
JACKSONVILLE 2 E	1.15					.06	.04			T						.54	.40				T	T	.03			.05	.03		T			
JERSEYVILLE 2 SW	.87					.12	T		.01	.05						.46	.20				T	T	T			.03	T					
KINCAID	1.28					.07	.08	T	.06	.05						.39	.10						42			.10	.01					
MEDORA	1.11					.14	.01	.05	T	T	T		T			.75				T		T	.07			.09	T	T	T	T		
MORRISONVILLE	1.34					.14	.05	.05		.04						.48	.14				.03	T	.33			.08						
MOUNT OLIVE 1 E	1.45					.19	T	.04	T	.18						.54	.16					.12				.08	.14					
PANA	1.22					.10	.14	T		.05			T			.52	.17				.01	.01	.12		T	.07	.03		T			
SPRINGFIELD WSO AP R	1 42					.15	.06	T	.02	T		T			.27	.41				T	T	.06		.01		.14		T	T	.30		
VIRDEN 1 N	1.37					.08	.08	.03		.05			T			.58	.17				.01	.29		T		.06	.02					
VIRGINIA	.95					.20	.06	T								.51	.09					T	.03	T		T	.06			T		
WHITE HALL 1 E	.67					.11			.02							.50	T				T	T	T	T		.04				T		
EAST SOUTHEAST 07																																
CHARLESTON	D 1.48	T				D .03	.40			.06		T				.31	.27			T	T	T	.20			.14	.07					
CLAY CITY 6 SSE	1.34						.07			.10						.46	.37					.17	.05			.12						
DIONA 3 SW	-						-			-						.18	-					.10	.75				-					
EFFINGHAM 3 W	1.47					.02	.14	T		.04	T					.51	.29				.01	.02	.26			.12	.06					
FLORA 5 NW	1.18					.10	T		.09	T						.62	.16					.10	T			.11						
GREENUP	1.43					T	.19	T		.04						.49	.30				.02	.03	.24			T	.12	T				
HUTSONVILLE POWER PL	1.09						.10			.12						.38	.29				T		.07	T			.13					
LAWRENCEVILLE	1.49	T				T	.10	T		.09			T			.41	.40				.03	.21	.14				.11					
MATTOON	1.28					.13	.07		.02	T					.06	.50						.30				.05				.15		
MOWEAQUA	-					.12	.08			.05			.13			-	-				T		80			.20						
NEWTON 6 SSE	.96						.06			.07						.42	.08				.02	.10	.11			T	.10					
OLNEY 2 S	1.46					.15	.05		.03	.10						.45	.42				.03	.13				.10						
PALESTINE	1.18					.03	.05		.02	.03		T				.65	.08			.01	.03	.10				.18				T		
PARIS WATERWORKS	1.20					.09	.10		.02	.04		.03				.36	.08		T	T	T	T	.24	.01		.18			.05	T		
SAINTE MARIE	.57					T	.14			.04							.15				T	.09	T				.15	T				
SALEM	1.41					.20	.04		.06	.05						.74	.16			T	.02	.08	T			.06						
TUSCOLA	D 2.39					.17	.16					T				.45	.11			T	.01		1.04			.30				D .15		
VANDALIA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-		
WINDSOR	1.39					.07	.09		T	T		T				.44	.25			T		T	.41			.13						
SOUTHWEST 08																																
ANNA 1 E	1.64					.31			.12							.64	.18			.07	.05	.07			.18	.02						
BELLEVILLE SO ILL UNIV	1.04					.14			.07	.02						.72	.04					T				.05						
CAHOKIA	D 1.10			T		.14	T	T	D .100	.10						.75	T				T	.01	T			T						
CAIRO WSO CI R	1.64					.27			.29							.80				.05				.17	.06							
CARBONDALE SEWAGE PL	1.38					.15	.08	T	.05	.04						.35	.45	T			.02	.21	T	.03		T	T					
CARLYLE RESERVOIR	1.25					.18	.03		T	.06						.60	.2[illegible]				.01	.01	.04			.09						
CENTRALIA	2.04					.20	.30	T	.04	.17							1.17						.16			T	T					
CHESTER	1.81			T		.15	.02	T	.17	.10						.85	.37				T	.12	T			.03	T					
DU QUOIN 4 SE	1.79					.30	.03		.30						.02	.90						.15				.09				T		
GRAND TOWER 2 N	1 48					.20	.04		.15	.08						.45	.45				T	.11					T					
KASKASKIA R NAV LOCK	1.31				T	.07		T	.18	.07						.64	.18					.16				.01	T					
MARION 4 NNE	2.22					.43	.10	.12	.03	.09						.33	.61				.05	.31		.12		T	.03					
NASHVILLE 4 NE	1.40					.11		.03	.03	.10						.55	.31					.05	.16			.06	T					
PRAIRIE DU ROCHER 1WSW	1.09				T	.10		T	.14	.06						.50	.27				T	.01	T			.01	T					
RED BUD 5 SE	1.42			T		.17				.25						.60	.24			T		T	.12			.04						
SPARTA	1.63					.27	.01		18	.01						1.02	.02				T	.09				.03						
WATERLOO	1.49			T		.20	T			.23						.56	.38						.05			.07						
SOUTHEAST 09																																
ALBION	-					.04			.05							-	-			T		.29				.10						
BENTON FOREST SERVICE	1.44					.14	.10	.03	.05							.34	.45				.04	.18				.11						
BROOKPORT DAM 52	1.28					.03	.09	T	.03	.19						T	.65	T			.07		T	.15	T	.07	T					
CARMI 6 NW	1.45					.04	.07			.05						.30	.64				.02	.15	T	.03			.15					
DIXON SPRINGS AGR C	1.48					.19	.03		.11	.04						.42	.33			.03	.07			.21	T	.05						
FAIRFIELD RADIO WFIW	1.43	T				.11	T		.05	.04						.78	.03			T	.03	.27		.02		.10						
GOLCONDA DAM 51	1.45					.04	.20	T	T	.12						.06	.61				.09			.19		.06	.08					
HARRISBURG	1.55					.21	.08		.07	.06						.60	.24			T		T		.23	T	.06						
HARRISBURG DISPOSAL PL	1.33					.06	.13	.01	T	.09						.26	.50				.04	T	.01	.22			.01					
MC LEANSBORO 2 ENE	1.60					.12	.10	.04	T	.03	T					41	47				.02	.20	.03	.04		.10	.04					
MT CARMEL	.79						.01			.02						.13	.10				T	T	.20				.33					
MT VERNON 3 NE	1.39					.15	.05			.08						.55	.35				.05	.12				.02	.02					
REND LAKE DAM	-					.06	T	T	.06	.02						.32	-				.08	.16		T		.07						
ROSICLARE	1.45					.17	.03		.13	T						.60	.11	T		T	.10		.24			.07						
SHAWNEETOWN NEW TOWN	1.06					.05	.16			.10	T					.15	.06				.05	T	.08	.26	T	.05	.10					
WAYNE CITY 1 N	1.33						.12		.11							.42						.60					.08					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
FEBRUARY 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	18	23	24	26	27	27	26	28	28	27	24	24	32	32	28	23	22	34	39	46	36	39	38	39	34	27	32	29	25			29.6
	MIN	-6	5	4	1	17	19	13	13	7	5	13	1	10	25	22	-1	-3	6	27	32	33	33	30	26	14	1	22	23	3			13.6
DIXON 3 W	MAX	19	17	22	23	28	25	30	26	29	25	24	22	22	28	31	26	16	19	34	40	40	38	38	36	38	23	23	31	21			27.4
	MIN	-6	-5	0	-4	-3	19	1	7	11	-5	9	-7	-1	16	18	1	-14	-7	9	32	32	33	34	25	20	-3	2	19	-2			8.0
FREEPORT WASTE WTR PLT	MAX	21	20	21	25	27	25	30	29	29	28	23	24	21	28	32	27	18	21	33	39	42	39	38	36	38	24	30	32	28			28.6
	MIN	-2	-2	0	-4	-2	19	-3	-1	9	2	11	-2	0	11	16	0	-10	-8	12	31	34	34	34	26	18	0	2	19	-4			8.3
FULTON DAM 13	MAX	19	18	22	24	26	25	30	26	26	25	25	20	20	31	30	25	14	18	33	40	41	39	38	35	28	22	30	30	25			27.1
	MIN	-4	-4	-1	2	4	20	2	2	15	-2	1	-1	-1	16	19	2	-7	-5	7	30	33	34	34	28	21	1	2	20	-1			9.2
GALVA	MAX	17	16	22	23	26	25	28	23	28	22	22	22	21	29	31	25	13	18	34	39	41	37	37	34	38	23	29	30	28			26.9
	MIN	-3	-1	7	6	8	20	12	12	16	4	11	-1	0	15	22	0	-6	-5	9	32	33	33	33	27	20	0	3	21	0			11.3
GENESEO	MAX	17	19	23	27	25	29	24	26	25	24	20	21	31	30	27	14	18	34	39	40	37	39	37	38	27	31	32	28	13			27.4
	MIN	-2	6	4	3	19	23	11	13	8	4	11	1	12	24	12	1	-4	7	31	33	34	34	30	27	7	1	22	13	1			13.3
HENNEPIN POWER PLANT	MAX	15	17	20	23	28	28	32	29	30	29	24	22	25	30	34	28			33	41	42	40	39	38	40	24	32	32	29			29.8
	MIN	-3	2	0	-4	2	20	11	13	19	-1		-3	-1	15	25	3	-6	1	19	32	34	34	34	28	22	-4	5	23	1			11.5
KEWANEE 1 E	MAX	17	18	20	22	26	25	28	23	27	25	21	20	20	28	30	25	11	16	34	38	39	38	38	35	38	23	30	29	26			26.6
	MIN	-6	-1	4	-3	8	12	6	5	13	-4	10	1	1	15	22	-1	-2	-5	10	31	30	31	32	26	15	-5	9	19	-6			9.2
MOLINE WSO AP	MAX	18	21	25	27	25	28	26	26	25	25	20	20	30	31	25	12	18	33	39	40	37	39	35	39	26	32	32	26	12			27.3
	MIN	-6	6	4	1	19	22	3	12	-1	-5	6	-5	11	24	10	-1	-10	3	31	33	33	35	30	24	7	-4	22	12	2			11.0
MORRISON	MAX	20	20	23	26	27	26	31	28	30	23	25	22	22	29	33	28	15	20	33	39	41	38	39	35	38	24	31	31	28			28.4
	MIN	-4	0	-1	-2	-2	19	4	8	16	-7	10	-3	1	9	21	-2	-9	-4	9	32	32	33	33	26	20	-2	-2	20	-1			8.8
MOUNT CARROLL	MAX	20	20	20	26	26	25	32	29	31	28	24	22	21	29	31	26	18	19	35	39	41	38	39	35	38	22	28	31	27			28.3
	MIN	-11	-9	-7	-8	-6	18	-11	-10	12	-11	5	-10	-9	9	10	1	-17	-15	9	30	32	33	33	26	18	-10	2	20	-3			4.2
PAW PAW	MAX	20	18	19	20	28	24	30	28	28	26	20	19	19	27	30	28	14	14	30	32	39	38	36	38	35	22	29	30	27			26.5
	MIN	1	-6	-3	-3	-3	12	8	7	11	-5	7	-1	-2	7	19	-1	-10	0	3	22	26	33	32	23	20	0	-6	20	-2			7.2
ROCHELLE	MAX	20	18	23	25	29	27	32	29	31	26	22	20	19	28	32	27	13	15	31	36	39	39	37	37	38	23	29	29	26			27.6
	MIN	-3	-7	0	-8	-8	18	1	9	15	-6	13	-5	-3	15	19	0	-11	-11	9	30	32	33	32	27	21	2	2	19	-2			8.0
ROCKFORD WSO AP	MAX	18	21	26	25	25	27	26	27	23	19	20	20	26	29	26	16	14	31	37	37	38	36	36	37	24	27	29	25	13			26.1
	MIN	-7	-4	-1	-6	18	12	1	6	1	-8	7	-12	11	12	16	-3	-11	0	29	31	34	33	26	23	5	-5	19	11	-3			8.1
STOCKTON 1 N	MAX	18	20	19	22	25	23	27	21	26	27	23	21	19	27	27	25	19	19	32	37	40	38	37	33	37	22	29	28	25			26.4
	MIN	-3	-5	-5	-9	0	18	-3	1	7	-5	8	-1	4	7	14	0	-7	-2	12	31	33	32	32	25	17	-5	0	17	-6			7.1
TISKILWA 2 SE	MAX	18	20	25	27	24	31	28	29	29	23	23	22	28	33	28		19	34	40	41	38	38	36	39	31	21	31	29	20			28.8
	MIN	-2	0	1	2	19	23	9	14		-1	13	2	6	27	23	0	3	4	30	33	34	34	30	28		-1	19	20	1			13.7
WALNUT	MAX	17	20	23	24	23	29	25	27	25	22	23	21	26	30	28	24	17	31	37	37	38	38	38	37	37	21	30	29	21			27.5
	MIN	-5	3	1	1	17	21	1	10	15	12	13	1	17	20	20	-5	-7	4	28	28	33	33	29	26	18	1	9	21	3			12.7
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	22	22	25	25	32	26	29	32	31	30	22	25	29	28	31	28	16	20	35	39	40	41	37	38	40	24	28	27	28			29.3
	MIN	-2	-9	-10	-5	-3	19	9	9	13	-6	5	1	1	16	18	6	-6	-6	7	31	33	34	32	24	22	0	0	17	-2			8.6
AURORA	MAX																																
	MIN	0	-2	-2	6	15	11	7	7	6	-1	8	-3	10	23	18	2	-9	2	30	33	33	34	29	27	12	14	23	13	0			11.9
BARRINGTON	MAX	21	20	25	21	27	27	28	29	29	28	21	23	26	28	35	27	15	12	33	40	39	43	37	38	32	23	28	26	27			27.9
	MIN	0	-6	-3	-3	17	20	13	14	16	-2	10	3	3	14	20	4	-5	-2	9	32	33	35	33	25	20	-3	4	16	-1			10.9
CHICAGO O'HARE WSO AP	MAX	21	22	25	31	26	29	29	30	30	21	21	23	30	34	30	17	14	34	40	41	46	38	40	38	29	26	30	28	17			29.0
	MIN	-1	-3	2	8	16	19	19	22	9	4	9	4	16	22	16	2	-5	7	33	35	36	34	28	27	8	2	23	15	0			14.0
CHICAGO UNIVERSITY	MAX	25	26	27	27	28	30	33	31	33	32	25	27	29	34	34	30	20	31	43	43	42	40	40	41	38	29	31	30	33			32.1
	MIN						24			24		18	9	16	29	27	9	1	10	30	35	34	35	36	28	24	9	19	22	7			21.2
CHICAGO MIDWAY AP	MAX	23	24	28	24	28	26	30	30	31	21	33	23	30	30	36	30	17	22	35	41	45	38	43	38	31	24	30	31	20			29.7
	MIN	5	-1	6	5	12		11	22		4	2	2	16	17	12	7	-2	0	1	32	35	34	31	26	14	2	21	17	0			12.3
DE KALB	MAX	19	22	28	26	22	30	28	30	28	24	22	20	26	32	30	25	14	32	38	38	40	37	37	38	36	20	32	28	24			28.5
	MIN	-2	-3	0	-3	14	21	4	7	12	-5	11	-3	5	17	22	2	-7	2	27	32	34	33	31	26	18	-1	17	19	-3			11.3
ELGIN	MAX	20	18	23	24	27	25	28	31	31	28	20	20	21	26	33	27	14	14	32	38	38	43	36	37	37	22	28	26	26			27.3
	MIN	0	-1	-1	3	4	18	13	13	14	0	5	3	3	11	19	3	-5	-5	5	30	32	33	32	25	21	2	2	18	-2			10.2
GEBHARD WOODS ST PARK	MAX	17	17	19	24	27	20	29	29	31	27	26	25	25	31	36	32	17		33	38	40	44	39	39	37	26	22	36	30			29.1
	MIN	-7	-2	2	-8	-5	10	7	11	13	7	9	1	5	13	26	5	-4			33	33	33	34	28	23	0	0	8	1			10.2
JOLIET BRANDON RD DAM	MAX	24	21	22	27	27	28	33	32	31	33	25	25	23	31	37	31	12	17	35	39	40	43	38	40	37	28	29	30	30			29.9
	MIN	-1	0	3	3	5	18	13	14	19	2	2	-1	0	12	26	5	-8	-6	7	30	32	33	32	26	24	2	3	19	1			10.9
MARENGO	MAX	19	20	25	23	29	26	28	30	28	27	22	24	24	27	30	27	15	17	33	38	39	40	35	37	38	21	28	27	26			27.7
	MIN	-3	-7	-7	-4	-4	19	6	12	12	-9	9	1	0	14	11	2	-7	-7	7	30	32	33	32	25	18	-1	-1	16	-3			7.8
OTTAWA	MAX	21	23	27	32	25	34		35	30	26	27		30	38	32	27	24	37	42	42	42	40	38	40	36	25	33	30	23			31.8
	MIN	-3	2	1	0	16	25		11		1	16		9	28	27	4	-1	8	28	34	36	35	34	31	20	3	22	23	2			15.8
PARK FOREST	MAX	27	24	22	27	27	25	29	30	33	33	22	22	22	29	36	29	18	16	34	36	39	43	37	40	36	28	29	30	30			29.4
	MIN	1	1	2	4	13	19	19	20	19	1	6	5	6	20	25	7	-4	3	15	26	34	35	34	28	23	2	9	19	4			13.7
PERU 2 W	MAX																																
	MIN																																
WAUKEGAN	MAX	20	20	25	25	30	27	27	28	34	29	22	23	25	28	33	27	15	16	33	40	39	39	36	38	36	25	28	26	25			28.2
	MIN	0	-6	-4	0	1	20	15	16	17	3	5	6	5	12	19	6	-2	-4	3	31	32	33	32	24	22	2	0	17	-3			10.4
WHEATON 3 SE	MAX	23	24	30	29	25	31	32	32	32	30	24	25	29	37	30	26		34	40	41	45	39	40	38	36	23	30	31	24			31.4
	MIN	1	-5	-4	-1	9	23	13	22	20	-3	12	0	5	24	25			0	29	33	34	35	33	27	20	-4	18	21	0			14.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
FEBRUARY 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
WEST 03																																	
GALESBURG	MAX	19	22	23	25	26	27	26	26	28	23	22	23	31	32	27	15	20	34	39	41	38	39	35	40	29	31	30	29				28.6
	MIN	-5	7	8	8	19	21	15	15	5	1	6	-1	11	25	11	-1	-3	7	31	34	35	34	30	21	7	3	22	13				13.5
GOLDEN 1 NW	MAX	18	23	24	26	33	27	28	27	24	24	25	25	37	35	33	23	27	37	42	42	43	42	41	45	43	30	37	33	30			31.9
	MIN	-11	2	0	-1	19	18	6	8	14	1	15	0	10	30	23	1	0	9	31	32	35	36	35	26	18	9	26	28	11			14.9
LA HARPE	MAX	19	26	26	28	31	28	28	30	30	27	26	26	35	35	32	23	26	35	41	42	40	39	39	45	36	30	34	31	30			31.7
	MIN	-6	-4	6	2	17	16	16	14	11	1	13	0	10	28	21	-1	-4	5	30	33	32	34	31	25	11	4		27	6			13.5
MONMOUTH	MAX	21	23	24	25	28	28	27	27	29	27	27	28	32	32	31	24	25	36	39	40	38	38	38	41	35	26	33	30	26			30.3
	MIN	-3	6	4	3	19	21	16	14	9	6	14	2	9	28	23	-1	-2	6	28	33	34	34	32	26	11	1	23	26	4			14.7
QUINCY FAA AP	MAX	14	23	23	25	33	26	28	26	25	23	23	22	35	35	34	16	23	38	40	41	43	42	39	45	36	32	36	33	23			30.4
	MIN	-6	8	6	3	22	23	12	21	12	5	10	5	15	33	16	6	3	13	35	35	38	38	33	28	14	10	29	23	13			17.3
QUINCY DAM 21	MAX	15	17	26	26	26	33	27	31	30	27	26	25	27	34	31	16	26	27	39	42	42	47	42	38	46	27	35	37	33			31.0
	MIN	-5	-5	10	4	-1	21	19	18	15	-4	-2	4	4	17	5	4	4	5	7	33	33	37	35	27	25	9	10	28	18			12.9
RUSHVILLE	MAX	21	21	25	25	31	29	32	27	29	24	24	24	32	35	32	25	23	36	40	41	43	41	39	44	41	27	35	32	29			31.3
	MIN	-9	4	3	0	18	20	10	12	12	2	14	1	11	29	24	2	-2	14	30	33	35	35	33	26	17	7	25	28	10			15.3
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	19	23	21	29	25	28	28	30	26	23	23	25	30	32	32	26	18	31	38	39	41	39	39	42	35	21	29	29	20			29.0
	MIN	-2	-2	3	-3	15	23	13	16	14	-1	12	1	7	27	25	4	-5	2	28	32	33	34	32	28	18	3	20	20	1			13.7
DECATUR	MAX	18	25	31	32	28	30	31	30	30	26	26	25	32	37	34	28	22	37	40	40	45	48	40	43	35	25	33	33	27			32.1
	MIN	-6	-1	5	-3		18	14	15	11	-5	13	-1	5	25	28	6	0	3	31	34	35	38	34	30	15	0	21	21	10			14.1
FARMER CITY	MAX																																
	MIN																																
HAVANA 4 NNE	MAX	17	20	22	29	26	28	29	35	32	31	24	25	27	30	34	28	15	20	34	40	40	41	39	38	44	24	32	35	32			30.0
	MIN	-4	0	3	-6	4	22	8	12	12	-5	7	0	5	18	28	4	-3	0	18	33	34	36	34	26	23	4	12	26	9			12.4
LACON 2 E	MAX	19	22	27	28	26	31	34	33	30	25	22	26	30	36	31	26	22	39	42	41	40	38	38	41	38	23	31	31	23			30.8
	MIN	-4	0	6	-2	15	23	11	22	16	2	13	0	9	27	25	0	-4	6	30	33	32	33	31	27	18	-1	21	23	1			14.2
LINCOLN	MAX	19	21	28	27	28	31	32	30	29	26	27	26	29	35	34	27	23	33	38	40	44	44	40	43	40	25	32	31	28			31.4
	MIN	-2	4	9	4	19	17	18	20	12	-1	15	4	7	27	25	5	3	8	30	33	34	37	35	38	19	4	22	27	8			16.6
MASON CITY 1 NW	MAX	16	20	24	25	29	30	29	27	29	22	24	24	28	33	33	27	22	33	38	38	42	42	39	43	34	25	33	32	28			30.0
	MIN	-5	0	3	-1	19	22	11	13	10	-2	8	-3	8	28	26	3	1	7	30	33	34	36	33	27	20	4	21	28	9			14.6
MINONK	MAX	17	18	16	26	26	27	28	27	29	30	28	26	23	28	33	32	10	18	31	31	37	37	38	37	34	28	28	23	31			27.5
	MIN	1	0	1	-1	4	16	14	16	18		6	0	5	7	27	0	-9			12	22	23	34	32	28	1	2	12	23			11.3
NORMAL	MAX	19	24	22	31	27	28	31	29	28	27	24	26	29	32	32	29	20	33	40	40	43	42	38	42	40	21	32	30	28			30.6
	MIN	-3	1	8	1	19	21	19	17	9	-2	14	1	13	27	26	3	-2	10	30	34	35	35	33	27	20	3	19	25	4			15.4
PEORIA WSO AP	MAX	17	20	24	26	25	27	28	26	27	20	22	20	27	30	28	13	17	31	38	41	40	39	37	42	32	28	31	30	17			27.7
	MIN	-4	4	4	-1	18	18	15	16	2	-4	5	0	8	27	13	-6	-8	2	28	33	35	35	30	26	8	1	23	17	5			12.1
PRINCEVILLE	MAX	9	23	24	30	25	29	27	30	29	26	24	25	29	33	30	23	21	35	39	41	38	39	38	43	35		31	29	20			29.5
	MIN	-5	1	3	-2	17	22	6	13	10	0	12	-1	9	26	22	-1	-6	5	29	33	33	33	30	26	17	0	20	19	2			12.9
* * *																																	
EAST 05																																	
DANVILLE	MAX	23	22	30	29	26	30	36	29	29	26	27	25	32	36	35	30	22	35	41	41	47	49	41	40	40	23	33	33	25			32.2
	MIN	-1	-1	4	1	20	25	3	12	15	-1	13	-4	1	29	28	9	-2	2	31	35	35	39	34	30	20	2	20	24	5			14.8
HOOPESTON 1 NE	MAX	15	21	23	29	24	28	32	28	27	22	23	24	30	34	32	27	19	32	39	39	43	44	40	39	38	20	32	30	23			29.6
	MIN	-4	-1	3	0	14	19	9	14	11	-1	14	2	3	28	26	6	-3	8	30	34	33	37	34	29	18	2	19	21	-1			13.9
KANKAKEE WTR POLL CTR	MAX	23	19	22	26	29	26	31	32	29	31	31	24	22	31	36	30	19	21	34	41	41	44	41	38	39	29	30	31	30			30.3
	MIN	0	-2	3	1	2	18	16	15	10	0	5	0	0	9	24	5	-4	5	9	32	33	34	28	26	29	2	2	19	6			11.3
PIPER CITY 3 SE	MAX	16	20	22	29	24	29	28	30	28	23	22	24	29	34	33	28	16	31	37	38	43	43	40	41	35	21	30	29	20			29.1
	MIN	-5	-3	-3	-1	13	20	10	15	10	-4	11	1	4	28	26	3	-6	2	28	32	32	35	33	29	16	3	18	18	-2			12.5
PONTIAC	MAX	18	20	23	29	23	30	31	28	30	24	23	25	30	31	30	26	20	33	38	40	39	38	40	42	37	20	34	33	23			29.6
	MIN	-2	0	1	-2	17	22	14	21	16	-7	13	1	2	27	26	4	-5	-1	28	32	33	34	34	29	19	3	19	21	3			13.9
RANTOUL	MAX	18	19	20	24	27	21	28	25	29	28	29	25	28	34	34	30	10	20	34	38	41	48	39	40	40	34	33	33	30			29.6
	MIN	-5	0	2	1	-1	13	15	11	12	-5	-5	0	4	5		2	-5	-5	7	30	34	34	36	28	26	0	5	27	5			9.3
URBANA	MAX	20	20	27	28	29	28	31	28	29	23	24	24	29	35	33	22	20	32	39	40	49	45	39	40	35	24	32	30	18			30.1
	MIN	2	6	12	8	18	19	19	20	14	1	8	6	5	28	22	6	2	8	28	33	35	37	32	30	12	4	24	14	6			15.8
WATSEKA 2 NW	MAX	20	19	25	23	30	25	29	35	33	31	30	22	23	29	34	29	14	17	33	41	43	43	38	40	41	31	28	30	30			29.9
	MIN	-2	-7	-8	-4	-3	19	5	11	11	-3	3	4	-2	11	27	6	-6	-2	6	33	34	35	33	29	26	3	4	20	5			9.4
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	18	20	25	31	28	34	29	34	26	26	29	29	26	34	41	37	19	27	41	41	45	59	45	40	40	31	34	42	41			33.5
	MIN	1	1	9	9	10	22	20	21	21	11	12	7	5	12	32	8	7	8	19	35	34	38	34	31	30	10	12	29	19			17.5
CARLINVILLE	MAX	15	25	27	30	32	33	32	28	26	30	28	29	31	38	36	27	28	39	41	44	50	51	41	44	39	28	37	37	31			33.7
	MIN	-7	0	10	-6	20	21	11	19	15	-1	17	3	11	29	26	6	3	8	31	35	35	39	36	29	19	6	25	27	14			16.6
GRIGGSVILLE	MAX	17	24	25	27	32	27	30	26	27	25	25	24	36	36	33	23	24	40	43	39	43	43	39	43	33	28	38	33	24			31.3
	MIN	-6	6	6	0	19	20	21	19	15	5	14	3	12	30	23	4	2	9	33	34	36	37	34	27	17	8	26	24	12			16.9
HILLSBORO	MAX	20	21	24	28	32	29	32	35	28	26	30	28	32	41	39	35	25	39	40	43	52	54	40	42	41	28	38	38	24			33.9
	MIN	-5	2	10	-2		22	14	20	18	8	18	8	11	29	30	0	5	13			39		35	30	21	7		20	10			15.1
JACKSONVILLE 2 E	MAX	16	16	21	24	23	32	28	27	26	26	25	25	24	31	35	32	15	23	35	39	41	44	41	39	44	34	33	36	33			29.9
	MIN	3	-3	4	-8	-5	21	14	14	16	8	0	3	3	13	30	6	3	3	13	32	34	37	36	28	25	7	7	28	14			12.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	13	20	25	27	27	34	27	32	27	25	28	23	28	36	39	33	16	28	40	42	45	55	45	40	45	27	34	42	39			32.5
	MIN	-12	0	7	-9	3	20	13	20	17	-9	7	-4	3	18	32	5	1	4	20	32	35	38	32	29	24	9	15	28	16			13.6
MORRISONVILLE	MAX	19	15	21	28	27	32	33	30	26	19	26	32	25	31	38	35	12	24	36	38	39	50	43	39	44	26	30	45	35			31.0
	MIN	-15	-11	9	-16	2	21	15	17	15	-9	6	-5	-3	7	31	6	0	3	12	33	34	36	34	29	26	4	6	27	14			11.3
PANA	MAX	13	22	25	27	30	31	29	26	26	27	28	23	31	38	35	28	23	36	40	39	50	48	40	40	34	25	32	33	28			31.3
	MIN	-4	1	11	4	19	21	16	19	13	0	14	5	9	28	28	7	4	9	33	34	35	39	35	30	18	6	24	26	13			17.1
SPRINGFIELD WSO AP	MAX	11	19	23	25	31	28	26	26	25	24	23	21	30	35	33	21	20	34	39	40	46	41	38	43	33	30	32	31	22			29.3
	MIN	-11	4	2	-3	19	22	15	16	5	-4	3	-3	11	30	21	3	2	10	31	34	35	35	32	29	11	7	24	22	11			14.2
VIRDEN 1 N	MAX	15	21	27	26	30	32	33	28	26	25	27	24	30	35	37	30	24	34	40	41	44	46	45	46	41	27	34	31	30			32.0
	MIN	-5	5	5	-5	15	21	13	17	14	-5	15	-2	10	27	28	5	1	10	30	33	36	37	35	29	20	10	27	28	15			16.2
WHITE HALL 1 E	MAX	21	24	27	27	33	33	31	29	26	26	26	25	32	39	35	30	27	37	43	42	48	47	42	43	45		36	38	36			33.9
	MIN	-10	2	10	-1	19	21	19	20	18	-3	16	19	8	26	27	5	1	8	30	30	30	38	35	28	20	9	25	28	15			17.0
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	17	23	30	31	26	30	33	29	26	26	25	26	31	36	37	30	24	34	40	40	50	53	42	39	38	22	31	33	31			32.2
	MIN	-3	0	12	-2	16	22	12	17	14	1	16	2	9	28	30	9	0	9	32	35	36	39	35	29	20	4	20	25	11			16.5
EFFINGHAM 3 W	MAX	16	18	21	22	27	31	29	30	27	27	26	30	23	32	39	39	16	21	37	41	40	53	45	40	40	34	29	33	36			31.1
	MIN	-4	-4	1	-5	-5	20	11	11	18	-2	0	-1	1	8	31	9	-1	1	9	35	35	37	35	31	28	2	3	24	16			11.9
FLORA 5 NW	MAX	20	22	28	27	31	32	32	26	27	30	35	29	34	40	40	32	28	39	42	43	53	55	45	39	36	27	36	42	30			34.5
	MIN	-5	-7	7	-7	12	22	13	15	17	0	16	1	4	20	32	11	0	6	32	33	37	41	33	31	21	3	24	28	18			15.8
MATTOON	MAX	18	22	28	29	38	29	32	28	26	25	28	22	32	37	37	24	22	35	39	40	52	45	39	39	33	26	32	34	23			31.5
	MIN	0	1	8	-1	18	21	14	17	12	-2	8	2	6	30	23	5	2	10	31	34	35	37	31	28	11	5	25	19	8			15.1
MOWEAQUA	MAX	18	18	26	24	26	31	31	28	27	24	26	29	30	36	34	34	29	36	38	37	43	49	41	42	39	24	32	33	31			31.6
	MIN	-6	3	7	-1	13	19	14	14	12	-7	6		7	26			0	10	32	33	36	38	34	30	24	3	21	18	12			15.3
NEWTON 6 SSE	MAX	17	19	22	29	28	31	30	31	26	26	26	31	26	33	39	38	18	24	38	40	40	55	50	42	38	33	28	33	37			32.0
	MIN	-5	-5	2	-6	-6	19	9	12	13	2	3	0	2	4	30	12	2	5	14	33	34	39	34	31	30	7	9	27	17			12.7
OLNEY 2 S	MAX	19	23	34	32	30	29	34	27	26	27	33	26	33	43	41	34	26	39	42	43	51	51	45	38	35	24	37	41	29			34.2
	MIN	-8	-6	10	-2	14	21	15	19	16	2	14	-1	3	22	32	13	4	7	34	37	37	41	34	32	21	8	22	30	19			16.9
PALESTINE	MAX	20	23	29	30	30	31	33	28	27	32	32	25	33	39	39	31	24	38	42	42	53	57	44	38	33	26	35	36	25			33.6
	MIN	-4	1	11	-1	13	24	11	20	18	8	14	5	2	25	31	11	2	4	33	36	35	43	35	30	20	7	25	25	12			17.1
PARIS WATERWORKS	MAX	18	24	29	30	27	32	28	30	26	28	27	25	32	37	37	28	23	34	40	42	51	49	40	38	34	23	31	31	23			31.6
	MIN	-5	-2	8	-3	12	21	0	8	9	-2	11	-2	4	27	25	7	0	10	30	34	33	37	32	28	12	3	19	20	6			13.2
SALEM	MAX	20	26	32	31	32	32	34	26	26	29	33	25	36	42	41	32	27	40	42	43	52	57	45	39	36	28	38	42	31			35.1
	MIN	-5	-2	12	4	19	22	18	18	17	6	16	1	7	24	31	10	3	9	34	35	39	43	34	31	20	8	22	29	19			18.1
TUSCOLA	MAX	19	20	28	29	25	30	31	30	28	28	25	23	29	35	34	29	21	32	37	38	47	48	48	40	39	23	32	28	30			31.2
	MIN	-2	0	12	2	14	22	13	17	10	0	10	2	1	23	29	10	3	6	28	33	34	38	34	30	20	3	17	17	17			15.3
VANDALIA 3 SW	MAX																																
	MIN																																
WINDSOR	MAX	22	22	30	31	27	31	34	30	27	27	27	26	32	38	35	29	23	35	39	39	47	47	41	40	36	23	37	33	28			32.3
	MIN	-5	1	7	0	17	20	9	13	14	1	16	2	9	28	29	9	1	12	33	32	35	39	34	30	19	4	22	27	12			16.2
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	24	26		32	32	32	35	33	27	33	40	33	36	48	44	36	30	39	42	54	65	63	52	45	36	33	53	56	34			39.8
	MIN	2	4	19	9	22	23	23	23	20	21	16	10	5	26	35	14	8	10	34	38	45	42	39	34	26	10	26	34	21			22.0
BELLEVILLE SO ILL UNIV	MAX	24	26	32	28	34	34	31	30	27	30	31	30	34	43	42	33	30	40	40	46	60	60	48	43	43	32	45	44	36			37.1
	MIN	11	-4	10	4	20	22	23	21	15	20	18	5	8	28	32	10	7	9	34	34	38	42	31	33	24	8	25	30	21			20.0
CAHOKIA	MAX	19	21	25	35	29	36	29	37	29	30	33	34	31	37	43	39	20	32	42		48	63	50	43	45	32	46	48	44			36.4
	MIN	-1	-1	7	6	12	22	23	22	22	19	18	12	7	7	34	10	8	7	7	35	35	42	35	34	21	10	10	31	20			17.7
CAIRO WSO CI	MAX	22	30	35	34	35	35	37	31	29	33	33	30	40	49	47	32	29	42	44	57	67	59	53	47	38	34	55	62	37			40.6
	MIN	10	16	25	19	27	27	29	28	26	22	18	16	16	35	32	18	15	21	40	43	49	44	43	36	24	19	31	33	25			27.1
CARBONDALE SEWAGE PL	MAX	25	17	30	35	31	33	29	36	28	28	34	38	35	39	50	47	22	32	42	44	52	65	57	47	42	36	34	54	51			38.4
	MIN	-3	-6	0	-2	-1	22	19	21	19	10	19	1	2	7	31	14	8	9	16	37	37	42	37	36	25	11	15	32	21			16.5
CARLYLE RESERVOIR	MAX	17	20	23	30	28	33	29	30	25	26	28	32	28	34	42	38	17		40	41	42	58	48	42	41	36	33	40	43			33.7
	MIN	-4	-3	4	6	11	20	17	16	17	14	17	5	7	13	32	9	5		9	35	34	37	34	31	30	8	13	29				16.5
DU QUOIN 4 SE	MAX	19	21	23	29	33	28	34	27	26	32	30	30	38	47	44	26	30	40	43	47	62	52	45	41	35	32	45	47	31			35.8
	MIN	5	-2	14	4	18	22	20	21	18	14	8	5	8	32	24	12	10	18	35	36	42	39	35	29	14	12	27	23	12			19.1
KASKASKIA R NAV LOCK	MAX	20	23	25	30	30	34	28	34	26	27	33	33	32	35	46	41	22	32	42	42	49	62	54	44	40	37	36	50	41			36.1
	MIN	-2	-2	12	4	5	23	23	23	22	16	16	5	9	14	33	14	8	10	20	37	37	44	37	37	28	7	12	27	19			18.6
MARION 4 NNE	MAX	22	23	27	33	31	33	28	35	28	29	34	36	31	39	47	45	22	31	41	45	50	65	58	46	41	35	33	51	51			37.6
	MIN	-1	-5	0	0	2	21	22	22	20	18	19	0	1	8	37	15	5	7	17	39	39	40	38	37	24	10	10	32	21			17.2
NASHVILLE 4 NE	MAX	18	22	29	26	33	33	31	25	26	29	31	25	34	41	41	32	27	37	40	43	56	56	47	40	38	29	40	43	33			34.7
	MIN	-2	3	11	5	19	22	19	20	17	20	15	5	9	22	32	10	8	15	32	36	38	41	34	33	23	10	26	29	20			19.7
SPARTA	MAX	23	27	33	30	34	33	35	28	27	33	33	31	35	47	43	32	31	39	41	48	62	60	48	41	37	32	46	46	33			37.5
	MIN	-1	5	15	5	21	22	24	22	19	21	17	6	12	28	32	11	8	18	34	38	41	40	36	35	25	10	27	29	21			21.4
WATERLOO	MAX	19	20	26	29	28	35	27	31	26	29	34	32	29	39	43	39	22	32	43	40	47	62	51	42	42	29	39	48	46			35.5
	MIN	-2	-1	14	6	12	22	23	20	19	20	21	6	10		34	9	5	16	25	37	38	42	35	33	28	8	15	29	20			19.4
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	20	23	29	28	30	32	33	34	24	33	36	30	41	43	42	41		39	43	45	54	60	47	52	37	24	38	45	36			37.1
	MIN	-1	1	9	9	16	22	13	20	8	12	18	8	10	31	35			21	34	37	39	42			23	9	24	30	19			19.6
BROOKPORT DAM 52	MAX	27	30	36	33	33	34	38	33	30	36	33	32	44	53	47	44	31	43	46	58	66	64	54	46	39	35	54	61	42			42.1
	MIN	2	0	17	10	22	24	21	24	24	21	18	7	5	26	32	12	8	12	31	39	44	39	39	38	24	12	29	37	22			22.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
FEBRUARY 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
DIXON SPRINGS AGR C	MAX	25	27	37	32	31	32	37	30	27	32	32	32	41	52	51	45	28	41	45	54	66	67	57	44	37	31	49	55	47			40.8
	MIN	- 1	- 1	15	8	23	24	24	24	22	18	18	4	5	28	40	15	5	14	35	40	47	41	39	36	27	11	26	37	22			22.3
FAIRFIELD RADIO WFIW	MAX	19	22	33	28	30	30	33	27	26	30	34	27	34	43	41	33	25	39	42	44	53	53	49	40	35	27	37	44	33			34.9
	MIN	0	- 5	10	0	15	22	15	18	17	8	19	1	5	24	33	11	6	10	32	37	38	42	35	33	23	8	25	30	20			18.3
HARRISBURG	MAX	22	25	31	26	33	33	34	29	29	35	36	30	45	49	47	38	33	43	46	50	67	64	49	42	37	33	47	50	37			39.3
	MIN	0	- 6	13	0	15	14	24	22	21	19	21	3	3	25	34	16	10	17	34	34	43	42	39	35	26	12	29	34	22			21.1
MC LEANSBORO 2 ENE	MAX	21	19	20	31	28	32	29	33	27	28	31	36	28	39	47	43	20	29	41	44	48	60	52	46	38	38	32	43	47			35.5
	MIN	- 1	- 4	0	5	5	20	20	20	18	15	16	4	8	9	32	12	7	8	16	38	38	42	36	34	28	8	9	30	21			17.0
MT CARMEL	MAX	23	22	26	31	28	32	32	32	27	29	32	36	28	36	42	42	26	27	40	42	45	59	52	49	38	32	30	42	46			35.4
	MIN	2	2	4	6	6	19	19	17	20	16	16	7	8	14	32	19	7	7	21	36	38	40	29	31	28	9	9	26	20			17.5
MT VERNON 3 NE	MAX	22	25	23	26	32	29	33	26	27	33	33	32	35	44	44	44	28	41	42	45	46	42	60	46	34	34	41	46	30			36.0
	MIN	- 1	- 5	10	4	21	20	20	18	7	15	13	2	12		33	10	6	10	28	32	32	39	34	25		12	30		22			17.3
REND LAKE DAM	MAX	20	21		34	30	33	29	33	26	28	32	39	29	39	49	44			45	44	46	63	51	44	38	32	32	45	48			37.5
	MIN	- 2	- 2		6	12	22	22	20	19	15	19	6	9	13			8			38	38	42	35		28	9	12	30	22			18.3
ROSICLARE	MAX	23	28	34	30	33	33	37	29	29	35	34	32	42	52	47	38	30	43	48	55	65	64	52	46	37	33	50	58	38			40.5
	MIN	2	2	15	8	22	23	25	24	22	18	20	8	8	27	37	16	7	11	33	40	45	39	39	35	24	12	27	28	18			21.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
FEBRUARY 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	32	30	30	30	29	30	32	30	31	31	32	30	30	30	32	32	32	32	30	32	32	31	32	31	31	31	32	31	32			31.0
		MIN	30	29	29	29	27	28	29	29	29	29	29	26	26	26	28	29	30	30	28	29	30	30	30	30	30	30	29	30	30			28.9
	8	MAX	35	35	35	34	33	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	33	33	33	33	33	33			33.3
		MIN	34	34	33	33	33	33	33	33	33	33	33	32	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33			33.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 3 W	SNOWFALL					1.8	4.7	T		.5		T				1.8	T									3.2	T	T	2.3			
	SN ON GND	2	2	2	2	4	9	8	8	7	6	6	6	6	5	7	7	7	7	5	4	3				3	3	3	3	3		
FREEPORT WASTE WTR PLT	SNOWFALL					2.0	4.0	T		.2						1.0										3.0	T		2.0			
	SN ON GND	2	2	2	2	4	8	7	6	6	5	4	4	4	3	4	4	4	4	4	3	2				3	3	3	4	3		
GALENA 1 N	SNOWFALL					1.5	4.0			.1						.5					T		T			3.0			1.5			
	SN ON GND	1	1	1	1	2	5	4	4	4	4	4	4	3	3	3	3	3	3	3	2	T				3	3	2	4	2		
GALVA	SNOWFALL					1.0	4.0	T		.5		T				3.5	1.0									4.0	.5	T	1.0			
	SN ON GND	1	1	1	1	2	6	5	4	5	5	5	4	4	4	8	8	8	7	6	4	2	1	T	T	4	5	4	5	5		
MOLINE WSO AP	SNOWFALL				.1	5.0	.5		.3	T	T	.1			2.0	.8										2.7	.3	.7	.6			
	SN ON GND	1	1	1	1	3	6	3	3	3	3	3	3	3	2	4	5	5	5	4	2	1	T	T	T	2	3	2	2	1		
	WTR EQUIV					.3	.5	.5	.3	.3	.3	.3	.3	.3	.2	.4	.4	.4	.4	.5	.5					.3	.2	.3	.3			
MORRISON	SNOWFALL					2.0	4.0	1.0		.5		T				1.5	.5									6.0		T	2.0			
	SN ON GND	2	2	2	2	4	8	9	8	8	6	5	5	5	5	7	7	7	7	5	3	2				6	6	6	7	7		
PAW PAW	SNOWFALL					.5	4.0			T						1.0	1.0									3.0			3.0			
	SN ON GND	3	3	3	3	3	7	6	6	6	6	6	6	6	6	7	8	6	6	6	4	3	T	T	T	3	3	2	3	2		
ROCKFORD WSO AP	SNOWFALL			T		4.8	.7		.4	.1		T		T	.7	.6										3.2	1	1.6	.9			
	SN ON GND	1	1	1	1	2	5	5	4	5	4	4	4	4	4	5	5	5	5	4	2	2	T	T	T	2	2	2	4	3		
	WTR EQUIV					.3	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5					.3	.3	.3	.5	.4		
WALNUT	SNOWFALL					2.0	3.0		T	T		T				3.0	1.0									3.0	T		2.5			
	SN ON GND	1	1	1	1	3	6	4	3	3	3	3	3	3	2	5	6	6	5	2						3	3	1	3	3		
* * * NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL				.5	T	3.0	.8	T	.4				T		.8	.6									1.0	2.0	T	3.0			
	SN ON GND	3	3	3	3	3	6	7	7	7	7	7	5	5	4	5	5	5	5	4	3	3	T	T	T	1	3	3	5	2		
AURORA	SNOWFALL				.5	.3	4.2			1.2		.1				1.1										1.5			2.3			
	SN ON GND	1	1	1	2	2	6	6	6	6	5	5	5	5	5	6	5	5	5	5	3	2				2	T	T	2	2		
CHICAGO O'HARE WSO AP	SNOWFALL			1.6	T	1.9	.5	T	.7	1.0	T	T		T	.3	2.3										3.9	.1	.9	1.2	.3		
	SN ON GND	2	2	1	2	2	4	4	3	5	4	4	3	3	3	3	4	4	4	2	T	T				T	3	3	5	3		
	WTR EQUIV	.1			.3	.3	.5	.3	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6							.4	.4	.3	.3	.2		
CHICAGO MIDWAY AP	SNOWFALL	*	4.0				5.0							T		3.5						T				5.0	T	T	T	6.0		
	SN ON GND	-	4	3	2	1	6	6	6	6	5	4	4	3	3	6	4	3	2	T	T	T				5	5	4	3	9		
	WTR EQUIV																															
DE KALB	SNOWFALL			.4		3.4	4.0			.8						1.8	T									3.5	.1		2.4			
	SN ON GND	2	2	3	3	6	9	9	7	7	7	7	7	7	6	8	8	8	7	5	4	3	T	T	T	4	3	2	4	3		
MORRIS	SNOWFALL					3.0	5.0									-	-						1.2			3.5			2.5			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OTTAWA	SNOWFALL					2.5	.4			1.0		.2				3.5	.2									4.0			2.2			
	SN ON GND	2	2	2	2	5	5	5	4	5	5	5	5	5	3	7	7	7	5	4	3	1				4	4	3	5	5		
PARK FOREST	SNOWFALL				.5	.5	3.0			.5	T				2.5	.2										3.0	2.0		2.0			
	SN ON GND	4	4	3	3	4	7	7	5	6	6	6	-	4	6	7	7	7	7	7	2	1	T			3	5	5	7	6		
* * * WEST 03																																
CANTON 1 ESE	SNOWFALL					2.0	3.0		T							2.0										.5						
	SN ON GND	3	1	1	1	3	6	5	5	5	5	5	4	4	4	6	6	6	6	5	4	3	T			1	1	T				
LA HARPE	SNOWFALL					2.0	1.5		T							1.0	2.0									T	T					
	SN ON GND	3	3	2	2	4	6	5	4	4	4	4	4	3	2	3	5	5	4	3	2	1	T			T	T					
MONMOUTH	SNOWFALL					3.0	2.0		T	.5						3.5										2.0	T					
	SN ON GND	2	1			3	4	4	4	4	4	4	4	4	3	6	6	6	5	3	2	1				2	2	1	1	1		
QUINCY FAA AP	SNOWFALL			T	1.6	1.6	.1	T	.3	T		T				.4										.4				4.7		
	SN ON GND	4	4	3	3	6	6	6	6	6	6	6	5	4	4	3	4	4	4	4	2	T				T	T	T				
* * * CENTRAL 04																																
DECATUR	SNOWFALL					1.0	2.5	T		.5	T		T				1.5									1.6	2.2					
	SN ON GND	3	3	2	2	2	4	4	4	4	4	4	4	3	3	2	3	3	3	2	2	1	T	T		2	3	3	3	2		
LACON 2 E	SNOWFALL					3.0	.8		T	1.0		T				3.5	T				T					-			2.5			
	SN ON GND					3	4	3	3	4	4	4	4	3	3	6	6	6	6	5	4	2				3	2	1	3	3		
LINCOLN	SNOWFALL					1.0	1.5	T		.5			T				1.0									1.0	T					
	SN ON GND					1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	T					1	1	1				
NORMAL	SNOWFALL					1.1	1.4		T	1.0		T				1.6	.7									1.4			1.2			
	SN ON GND	1	1	1	1	2	3	2	2	2	2	2	2	1	1	2	3	3	3	2	1					1	T		1	1		
PEORIA WSO AP	SNOWFALL					3.8	.2		.8	T		T		T	2.8	1.3										1.8	T	.1	.4	.1		
	SN ON GND	1	1	1	1	2	5	4	3	4	4	3	3	3	3	6	7	6	5	5	4	2	T			1	2	1	1	1		
	WTR EQUIV					.2	.3	.4	.4	.4	.5	.7	.5	.4	.3	.9	.9	.9	.8	.7	.6					.1						
* * * EAST 05																																
DANVILLE	SNOWFALL					1.5	1.8			.3		1.2				-						T				3.5			3.5			
	SN ON GND	-	-	-	-	2	4	-	-	-	-	5	3	3	2	-	-	-	1	T						4	4	2	4	4		
HOOPESTON 1 NE	SNOWFALL	T				T	2.0	T		.3		T	.4			2.0	T									.5	2.3	T	2.8			
	SN ON GND	2	2	2	2	1	3	3	3	3	3	3	3	3	3	5	5	5	5	5	4	2				1	3	3	5	5		
KANKAKEE WTR POLL CTR	SNOWFALL					1.0	3.0					1.0				2.0										1.0	6.0		2.0	T		
	SN ON GND	3	3	3	3	4	7	7	6	5	5	6	6	6	5	7	6	6	6	6	4	2	1			1	7	5	4	4		
PIPER CITY 3 SE	SNOWFALL	T				.2	.6	.2		.9			.2			4.3	.2									.3	3.1	T	1.8			
	SN ON GND	2	2	2	2	2	3	3	3	4	4	4	4	4	2	6	6	6	6	5	3	1	T	T	T	T	3	3	5	5		
PONTIAC	SNOWFALL					1.0	2.5	T		.5						3.0	.5									.5	2.0	T	2.5			
	SN ON GND	2	1	1	1	2	4	4	3	3	3	3	3	3	3	6	6	6	6	5	4	4	2			T	2	2	3	2		
URBANA	SNOWFALL					2.3	.6		.4	.2		.4			T	1.0										2.5		1.0	.9	.4		
	SN ON GND	1	1	1	T	T	3	3	2	3	3	2	3	2	2	1	2	2	2	2	1	T				2	3	3	4	2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL					2.4	.5		.5	.2		T				T	1.0									.9			T	T		
	SN ON GND	5	5	4	3	5	6	6	6	6	6	5	4	3	2	1	2	2	2	1	T					T				T		
EDWARDSVILLE 1 NE	SNOWFALL					2.1	.5	T	T	1.2							1.4									T	T					
	SN ON GND	4	3	3	3	4	3	3	2	4	4	3	3	2	2	1	2	2	1	1	T					T	T					
GRIGGSVILLE	SNOWFALL					3.0	T			1.0						T	1.0									T	T					
	SN ON GND	6	5	5	4	6	6	5	5	6	6	6	6	5	5	3	4	4	4	3	2	T				T	T					
JACKSONVILLE 2 E	SNOWFALL					3.0	1.5			.1							1.3									.5	.5					
	SN ON GND	5	5	5	4	6	7	6	5	5	5	4	4	3	3	2	3	3	3	2	1	1	T			T	1	1				
PANA	SNOWFALL					1.0	1.5	T		1.0			T				2.0									.5	.3					
	SN ON GND	6	5	5	4	5	7	7	6	7	6	6	6	6	5	3	5	5	4	4	2	T	T			1	1	1	T	T		
SPRINGFIELD WSO AP	SNOWFALL					2.7	.9	T	.2	T		T				1.5										1.3		T	T	5.1		
	SN ON GND	3	3	3	2	4	5	5	4	3	3	3	3	3	3	1	3	3	3	2	1	T				1	1	1	T	T		
	WTR EQUIV	.2	.2	.2	.2	.3	.4	.6	.5	.4	.4	.4	.4	.3	.3		.3	.3	.6													
WHITE HALL 1 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
* * * EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL						2.0			2.0							-									T	1.5					
	SN ON GND	5	4	4	4	3	5	4	4	5	5	4	4	4	4	2	3	3	3	2	1	T				T	1	1	T			
OLNEY 2 S	SNOWFALL					1.0	.5		.5	2.0																1.0						
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PARIS WATERWORKS	SNOWFALL					2.0	3.0		.3	1.0		.8				.3	3.5									3.0						
	SN ON GND	-	-	-	-	2	5	5	5	6	6	6	-	-	-	3	6	5	-	-	-	-	-	-	-	3	3	2	2	2		
SALEM	SNOWFALL					3.0	.3		.5	.5						T										.5						
	SN ON GND	4	4	3	3	6	6	5	5	6	6	5	5	4	2	1	1	1	1	1						1	T					
TUSCOLA	SNOWFALL					2.0	2.0										1.0									3.0				1.5		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WINDSOR	SNOWFALL					1.5	3.0		T	.3		T				1.0	2.0									2.0						
	SN ON GND	4	3	3	3	5	6	4	4	4	4	4	3	3	2	2	3	3	2	1	1					2	2					
* * * SOUTHWEST 08																																
ANNA 1 E	SNOWFALL					3.0			2.0								.7									T						
	SN ON GND	3	3	2	2	5	4	2	4	4	4	3	2	1			T									T						
BELLEVILLE SO ILL UNIV	SNOWFALL					2.0			1.0	T																.5						
	SN ON GND					4	4	4	5	4	4	3	3	3	2																	
CAIRO WSO CI	SNOWFALL					2.9			3.0																							
	SN ON GND	1	1	T	T	3	3	2	4	5	5	4	4	3	2	1	T															
CARBONDALE SEWAGE PL	SNOWFALL					2.0	1.0	T	1.0	.8							T	T								T	T					
	SN ON GND	4	3	3	3	5	5	5	5	5	5	4	3	3	2	T	T	T	T	T						T						
NASHVILLE 4 NE	SNOWFALL					2.7		.9	.7	1.7							.8									.2						
	SN ON GND	5	5	4	3	6	4	5	6	7	7	6	6	5	4	2	1	1	1	T	T	T				T	T	T				
SPARTA	SNOWFALL					3.6	.7		2.0	.2							.2									T						
	SN ON GND	3	3	2	2	5	5	4	5	5	5	5	5	5	3																	
* * * SOUTHEAST 09																																
ALBION	SNOWFALL					.5			.6								-					T				.6						
	SN ON GND	3	3	3	2	3	3	2	3	3	3	2	1				-															
BROOKPORT DAM 52	SNOWFALL					.3	1.7			2.5							.3	T			T											
	SN ON GND	2	1	1	1	1	3	3	2	4	4	3	2	2	2	T	T	T			T											
DIXON SPRINGS AGR C	SNOWFALL					3.6	.5		1.2	.7							.5									T						
	SN ON GND	2	1	1	1	5	5	4	5	6	5	4	4	3	2		T															
GOLCONDA DAM 51	SNOWFALL					1.5	3.0		T	1.0							T										T					
	SN ON GND					1	4			1							T										T					
HARRISBURG	SNOWFALL					3.0	1.0		2.0	1.0							1.0								T	1.0						
	SN ON GND	5	5	5	4	7	7	6	7	6	6	5	5	4	2		T	T								T						
MC LEANSBORO 2 ENE	SNOWFALL					1.0	1.0	.5	T	.5	T						.3									1.0	.6					
	SN ON GND	4	4	4	3	4	5	5	5	5	5	5	4	4	4	1	T	T	T	T						1	2	1	T			
MT VERNON 3 NE	SNOWFALL					3.0	2.0		.3	2.0							2.0									2.0	2.0					
	SN ON GND	3	2	2	2	5	6	6	6	7	6	6	5	4	4		2									2	4	-				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D OUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DORTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			THEODORE W VOLDING
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	RAY SHAIN
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Cage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Cage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
C	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

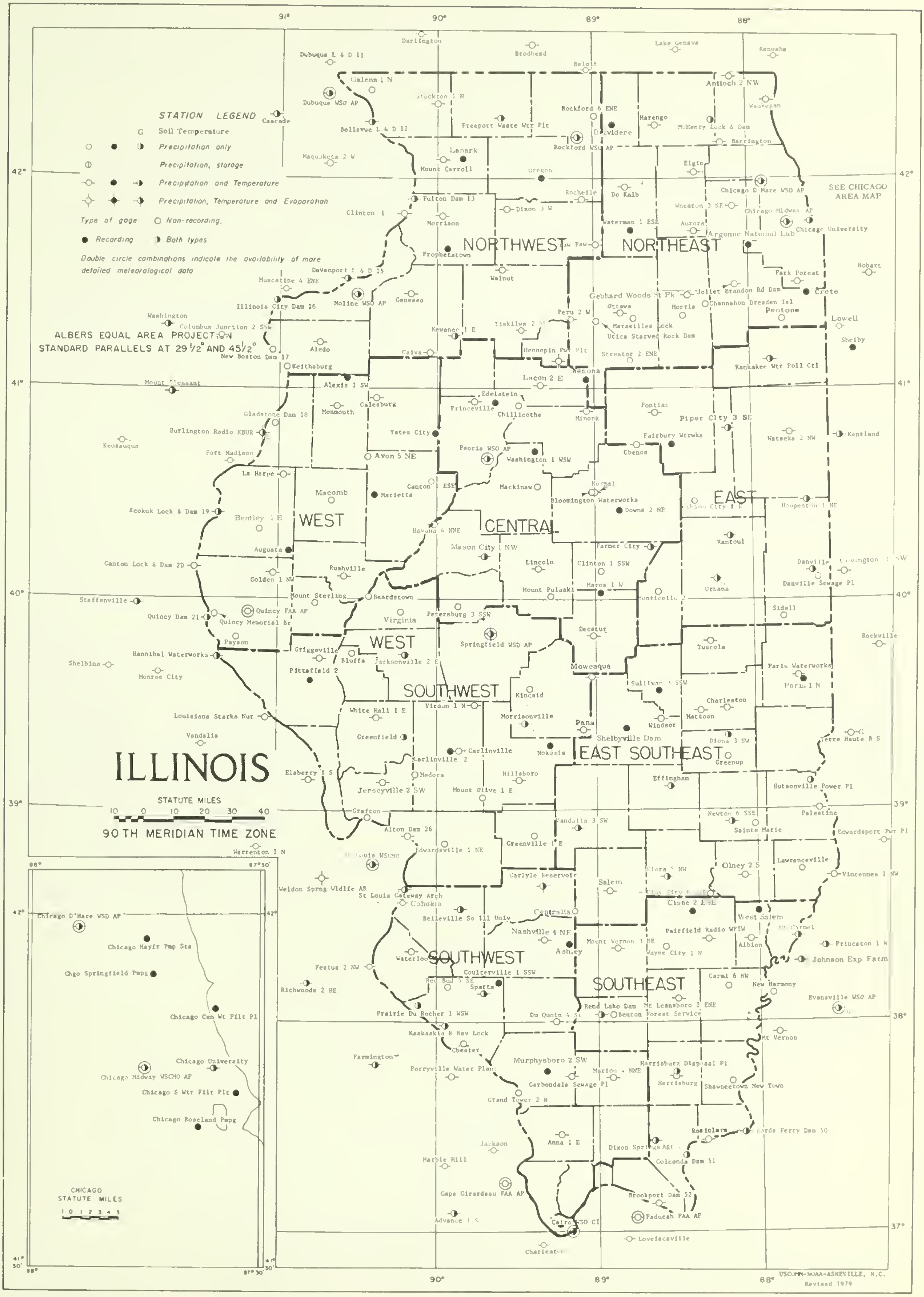
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS
BULK RATE

112 85/3

MARCH 1980 VOLUME 85 NUMBER 3

Climatological Data

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CAIRO WSO CI	71	DATE 10
LOWEST TEMPERATURE:	2 STATIONS	-13	DATE 02
GREATEST TOTAL PRECIPITATION:	FAIRFIELD RADIO WFIW	6.19	
LEAST TOTAL PRECIPITATION:	MARENGO	.48	
GREATEST 1 DAY PRECIPITATION:	VIRDEN 1 N	1.92	DATE 30
GREATEST TOTAL SNOWFALL:	CHICAGO UNIVERSITY	13.9	
GREATEST DEPTH OF SNOW OR ICE:	CHICAGO MIDWAY AP	10	DATE 01

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	37	NE	01	-	-	-	-	0	2	8	2	1	0	13	36	-
CHICAGO O HARE WSO AP	34	1.5	13.6	32++	29	10	76	80	60	66	3	10	6	0	0	0	19	-	7.8
MOLINE WSO AP	5	1.5	13.0	34	NW	10	75	78	60	63	8	4	7	0	0	0	19	43	7.3
PEORIA WSO AP	7	0.9	11.9	29	NW	10	74	78	63	66	4	6	5	3	0	0	18	48	7.5
ROCKFORD WSO AP	3	2.2	12.7	33++	31	10	78	81	66	70	6	11	3	0	0	0	20	-	7.6
SPRINGFIELD WSO AP	9	1.4	13.6	32++	8	30+	78	83	68	71	4	8	4	2	1	0	19	37	7.5

CLEMSON UNIVERSITY LIBRARY
JUL 14 1980
SCI., TECH. & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
MARCH 1980

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING* DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEDO	44.6	25.4	35.0	- 2.0	59	18+	1	2	923	0	0	6	23	0	1.64	- .89	.61	8	10.0			6	1	0
DIXON 3 W	39.3	22.6	31.0	- 5.1	55	16	- 4	2	1045	0	0	8	24	2	.97	- 1.32	.24	31	2.8	3	3+	4	0	0
FREEPORT WASTE WTR PLT	38.4	21.7	30.1		54	21+	- 6	2	1074	0	0	9	24	3	.67		.27	29	4.0	3	1	3	0	0
FULTON DAM 13	39.6	22.1	30.9	- 4.4	57	17	- 4	1	1053	0	0	9	25	3	.62	- 1.54	.14	13	3.0	4	1	2	0	0
GALVA	39.8	23.1	31.5	- 5.4	55	19+	0	2	1033	0	0	8	25	1	2.79	.20	1.08	8	12.5	7	8	6	1	1
GENESEO	41.9	25.6	33.8		58	16	1	2	962	0	0	6	22	0	1.58	- .87	.50	30	5.9	3	2+	5	1	0
HENNEPIN POWER PLANT	41.6M	23.5M	32.6M		61	16	- 4	2	1004	0	0		22	1			.69	8					1	0
KEWANEE 1 E	40.2M	24.0M	32.1M	- 4.8	56	19			975	0	0	7	24		1.93	- .63	.73	8	6.8	6	8	4	2	0
MOLINE WSO AP R	42.5	24.5	33.5	- 2.2	59	18+	- 2	2	966	0	0	6	22	1	1.74	- .83	.46	30	7.5	2	14+	7	0	0
MORRISON	40.0	22.5	31.3	- 4.9	55	19+	- 9	2	1039	0	0	8	23	2	.94	- 1.58	.24	31	2.0	7	2+	4	0	0
MOUNT CARROLL	39.1	19.6	29.4	- 5.6	55	19	-10	2	1096	0	0	7	27	3	.82	- 1.48	.24	29	5.5	5	8+	4	0	0
PAW PAW	37.7M	21.6M	29.7M		53	16	- 5	1	1083	0	0	8		2	1.13	- 1.44	.30	31		3	8	5	0	0
ROCHELLE	38.5	21.5	30.0		54	21	- 8	2	1078	0	0	8	28	2	.69		.23	8	4.0	3	9+	2	0	0
ROCKFORD WSO AP //R	38.9	21.2	30.1	- 4.0	56	31	- 9	2	1073	0	0	8	27	1	.97	- 1.68	.23	28	4.6	3	5+	3	0	0
STOCKTON 1 N	36.5	20.0	28.3		53	20+	- 5	2	1133	0	0	10	28	2	.61		.37	29	2.8			2	0	0
TISKILWA 2 SE	43.2	26.3M	34.8M		57	15			920	0	0	4	21		1.92	- .72	.50	24	5.6	4	1	6	1	0
WALNUT	42.8	24.7	33.8	- 2.7	56	31	- 4	2	961	0	0	7	25	1	1.44	- .98	.52	8		3	1	3	1	0
DIVISION			31.6	- 4.1											1.28	- 1.15			5.5					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	37.9	19.5	28.7	- 5.5	57	21	- 4	2	1121	0	0	9	26	3	.85	- 1.63	.17	29	10.6	5	1	5	0	0
AURORA		24.5	M				0	2					23	1	1.51	- .92	.34	8	6.3	3	8+	4	0	0
BARRINGTON	38.6M	22.5	30.6M		56	21	- 3	2	1050	0	0	8	24	2			.50	31					1	0
CHICAGO O'HARE WSO AP R	41.2	24.0	32.6	- 3.1	59	20	- 1	2	995	0	0	6	24	1	1.96	- .56	.45	17	11.6	4	2	6	0	0
CHICAGO UNIVERSITY //	42.5	28.5	35.5	- 1.2	58	21	9	2	907	0	0	5	18	0	2.61	- .06	.69	8	13.9	8	8+	7	1	0
CHICAGO MIDWAY AP //R	43.0M	25.8M	34.4M	- 2.4	58	20	4	2	929	0	0	5		0			D .20	8	4.7	10	1		0	0
DE KALB	41.3	24.4	32.9	- 1.6	56	20	0	2	990	0	0	7	27	1	1.34	- 1.17	.32	8	6.8	3	2+	5	0	0
ELGIN	38.2	21.8	30.0		54	21+	- 2	1	1078	0	0	9	25	1			.30	31	7.5					0
GEBHARD WOODS ST PARK	41.7M	25.4M	33.6M		58	21+	0	1	964	0	0	6	20	1			.80	8	3.8	3	2+	5	1	0
JOLIET BRANDON RD DAM	41.1	22.7	31.9	- 5.3	59	21	1	3+	1019	0	0	7	26	0	2.77	.15	.57	8				8	1	0
MARENGO	38.2	20.6	29.4	- 4.6	55	21	- 3	1	1096	0	0	8	26	2	.48	- 2.01	.10	8	4.0	3	9+	1	0	0
OTTAWA	45.2M	27.4M	36.3M	- 1.8	60	15	1	2	886	0	0	3		0	2.42	- .29	.71	8	6.7	5	1	7	1	0
PARK FOREST	39.9	24.8	32.4		57	21	5	1	1004	0	0	7	22	0	2.88	.27	.76	8	9.3	5	13+	8	2	0
PERU 2 W	43.9	27.0	35.5	- 1.9	58	20	5	2	910	0	0	4	23	0			.87	7					1	0
WAUKEGAN	37.6M	20.3M	29.0M	- 5.5	57	21	- 2	1	1111	0	0	9		1	0 .70	- 1.86	D .15	31				3	0	0
WHEATON 3 SE	43.1	24.3M	33.7M		59	20	2	2	968	0	0	5		0	1.81	- .82	.46	17	8.8			6	0	0
DIVISION			32.4	- 3.7											1.76	- .85			7.8					
* * *																								
WEST 03																								
GALESBURG	43.1	25.4	34.3		59	16	2	2	946	0	0	5	23	0	2.50	- .32	.65	31		3	14+	7	2	0
GOLDEN 1 NW	46.8	27.6	37.2		61	20+	- 5	2	853	0	0	2	20	1	3.40	.58	.85	30	8.0			7	3	0
LA HARPE	46.6	27.0	36.8	- 1.7	61	19+	0	2	867	0	0	2	21	1	2.39	- .44	.52	8	7.5	4	13	7	1	0
MONMOUTH	44.7	27.2	36.0	- 1.6	59	18+	3	2	891	0	0	4	21	0	2.56	- .14	.60	8	6.5	2	13+	7	2	0
QUINCY FAA AP	45.6	30.4	38.0		62	19	- 2	2	831	0	0	3	15	1	4.01	1.27	1.75	30	4.3	6	3+	6	2	1
QUINCY DAM 21 //	44.4	25.2	34.8		65	20	1	3	927	0	0	5	24	0	4.10	1.51	1.35	30	11.0			9	2	1
RUSHVILLE	45.6	28.5	37.1	- 2.5	59	27+	- 2	2	858	0	0	3	18	1	D 3.84	.88	1.25	30	9.0			10	2	1
DIVISION			36.3	- 2.6											3.26	.47			7.7					
* * *																								
CENTRAL 04																								
CHENOA	42.8	27.0	34.9		59	20+	- 2	2	926	0	0	4	23	1	3.71		.86	24	1.5	T	13+	9	4	0
DECATUR	46.0	28.0	37.0	- 3.6	65	15	- 4	2	860	0	0	3	19	1	3.66	.55	.62	8	5.0	4	2+	9	2	0
FARMER CITY	44.3	26.6	35.5		61	15	0	2	908	0	0	3	23	1			.93	30		1	13+			0
HAVANA 4 NNE	43.5	26.5	35.0		60	16	5	2	921	0	0	5	22	0	4.05	1.23	.95	31	9.5			8	3	0
LACON 2 E	45.0	26.3	35.7		62	15	- 3	2	903	0	0	3	21	1	2.72		.61	8		3	13+	8	2	0
LINCOLN	45.8	28.4	37.1	- 2.6	62	20	5	2	860	0	0	2	21	0	4.25	1.40	1.51	31	3.5	2	13	9	3	1
MASON CITY 1 NW	44.7	29.1	36.9		59	15	5	2	863	0	0	3	19	0	3.22		.89	30	4.0	3	13	6	2	0
MINONK	41.5	26.1M	33.8M	- 3.7	61	20			954	0	0	8	25	0	D 3.60	1.08	1.10	31	5.4			7	3	1
NORMAL	44.7	28.6	36.7	- 2.4	60	15	2	2	871	0	0	2	20	0	3.19	.45	.82	17	1.6	1	13+	7	3	0
PEORIA WSO AP //R	44.2	27.0	35.6	- 1.7	59	20	3	2	907	0	0	4	22	0	2.79	- .01	.63	7	5.3	4	14+	8	3	0
PRINCEVILLE	44.9M	26.6	35.8M		58	15	- 2	2	895	0	0	4	22	1	2.04	- .50	.49	7				5	0	0
DIVISION			35.8	- 3.1											3.32	.57			4.5					
* * *																								
EAST 05																								
DANVILLE	45.1	28.1	36.6	- 3.3	61	15	- 1	2	873	0	0	2	19	1	4.69	1.86	1.10	30	1.5			11	3	2
HOOPESTON 1 NE	42.9	27.5	35.2	- 3.5	59	15	- 1	2	916	0	0	5	20	1	4.59	1.70	1.52	17	1.2	5	3+	9	4	1
KANKAKEE WTR POLL CTR	41.9	24.0	33.0		61	23	3	2+	984	0	0	6	23	0	2.47		.52	31	5.0	5	13	7	1	0
PIPER CITY 3 SE	43.2	26.9	35.1	- 2.8	58	20+	0	2	922	0	0	4	22	1	2.86	.32	.76	8	2.8	5	3+	7	2	0
PONTIAC	43.5	26.7	35.1	- 3.3	60	20+	- 3	2	920	0	0	4	22	1	3.49	1.17	.93	8	1.3	2	3+	9	3	0
RANTOUL	40.6M	24.0	32.3M		55	28	-13	2	1003	0	0		24	2	4.73	1.96	1.66	17				7	5	1
URBANA	43.4	28.3	35.9	- 3.4	61	15	4	2	898	0	0	3	20	0	4.29	1.16	.99	30	1.2	2	3+	8	4	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	41.3	23.6	32.5		58	16	-13	2	1002	0	0	8	24	2	4.81	1.93	1.03	31		5	3+	10	5	1
DIVISION			34.5	- 4.1											3.99	1.28			2.2					
WEST SOUTHWEST 06																								
ALTON DAM 26	47.1M	29.4	38.3M		64	16	6	2	818	0	0	4	16	0	3.23		.89	30	11.0	6	2+	8	1	0
CARLINVILLE	47.4	29.0	38.2	- 3.5	66	15	- 2	2	825	0	0	2	17	1	4.16	1.15	1.61	30	9.5	5	1	10	1	1
GRIGGSVILLE	46.4	29.1	37.8	- 2.8	63	19+	0	2	839	0	0	4	20	1	4.50	1.68	1.63	30	13.0	7	2+	9	2	1
HILLSBORO	48.2	29.4M	38.8M	- 3.5	65	15	0	2	807	0	0	2	18	1	3.88	.81	1.30	30	8.4					1
JACKSONVILLE 2 E	43.8	25.1M	34.5M	- 6.5	63	16	1	3	949	0	0	6	22	0	4.35	1.57	.88	31	11.3	5	13+	11	4	0
JERSEYVILLE 2 SW	46.0	27.2	36.6		61	28+	- 3	2	874	0	0	5	19	1	4.23		1.05	30	12.0	7	3+	8	4	1
MORRISONVILLE	44.4	26.6	35.5		62	16	- 3	2	908	0	0	5	19	1			1.45	30	9.0					1
PANA	45.6	29.3	37.5	- 3.9	63	15	0	2	845	0	0	3	17	1	4.30	1.18	.76	31	10.0	6	2+	10	3	0
SPRINGFIELD WSO AP R	45.6	28.6	37.1	- 2.3	64	20	- 2	2	857	0	0	3	18	1	4.29	1.59	1.36	30	5.5	6	1	7	3	1
VIRDEN 1 N	46.1	30.1	38.1		64	15	0	2	827	0	0	3	16	1			1.92	30	8.5	4	13+			1
WHITE HALL 1 E	47.5	28.8M	38.2M	- 3.5	63	15	0	2	823	0	0	3	17	1	3.98	1.31	1.48	30				8	3	1
DIVISION			37.3	- 4.1											4.10	1.19			9.8					
EAST SOUTHEAST 07																								
CHARLESTON	45.8	29.5	37.7	- 3.3	62	15	- 1	2	839	0	0	2	16	1	3.68	.47	1.17	30	7.0	5	1	7	4	1
EFFINGHAM 3 W	44.4	27.1	35.8	- 5.7	63	16	- 2	2	901	0	0	3	20	2	4.40	1.12	.72	31	9.5	7	2+	10	4	0
FLORA 5 NW	48.3	30.2	39.3	- 4.1	65	15	- 2	2	791	0	0	2	16	1	5.14	1.39	1.47	30		3	1	10	4	1
MATTOON	44.8	28.4	36.6		61	15	3	2	874	0	0	2	21	0	4.13		1.25	30	1.5	3	2+	10	2	1
MOWEAQUA	46.0	29.2	37.6		64	15	- 6	2	843	0	0	2	16	1	2.92		1.40	30	.5	6	1	5	2	1
NEWTON 6 SSE	44.7	28.5	36.6		62	16	- 2	2	872	0	0	3	18	1	4.97	1.66	1.18	17	6.5	3	2+	10	4	1
OLNEY 2 S	47.5	30.8	39.2	- 4.6	62	15	0	2	793	0	0	2	15	1	5.44	1.58	1.13	30	7.0			9	5	1
PALESTINE	46.9	30.9	38.9	- 3.9	64	15	0	2	799	0	0	2	14	1	4.71	.99	1.22	30	8.0	5	1	13	2	1
PARIS WATERWORKS	45.0	27.1	36.1	- 4.6	62	15	- 1	2	892	0	0	2	22	1	4.18	.92	1.24	30	7.3	7	2+	8	3	1
SALEM	49.4	30.6M	40.0M		66	15	3	2	770	0	0	2		0	4.86		1.46	30	3.8	3	1	10	3	2
TUSCOLA	45.8	28.6M	37.2M		60	15	0	2	844	0	0	2		1	3.60	.26	.95	30	1.0			8	3	0
VANDALIA 3 SW																								
WINDSOR	46.1	29.5	37.8	- 2.9	63	15	- 1	2	836	0	0	2	16	1	4.51	1.25	1.18	30	5.0	3	3+	9	3	1
DIVISION			37.7	- 4.1											4.38	.98			5.2					
SOUTHWEST 08																								
ANNA 1 E	51.5	32.4	42.0	- 3.5	70	10	5	2	707	0	0	2	15	0	5.32	.43	1.00	30	2.1	2	1	12	4	1
BELLEVILLE SO ILL UNIV	51.6	30.3	41.0		65	15	4	2	742	0	0	2	16	0	4.10		1.32	30	8.5	4	1	10	3	1
CAHOKIA	53.8M	31.4M	42.6M		68	16					0		19	0			.74	17						0
CAIRO WSO CI R	52.6	37.2	44.9	- 2.9	71	10	14	2	616	0	0	2	7	0	4.61	- .13	1.14	17	.9	1	2+	11	3	1
CARBONDALE SEWAGE PL	49.9	29.4	39.7	- 6.0	68	11	5	3	776	0	0	2	19	0	4.52	.13	1.57	17	2.5	3	1	8	4	1
CARLYLE RESERVOIR	47.4	29.3M	38.4M	- 4.7	67	16	1	2	807	0	0	4	18	0			1.65	30		3	2+		3	1
DU QUOIN 4 SE	50.3	30.6	40.5	- 4.6	66	15+	4	2	755	0	0	2	16	0	4.92	.84	1.15	30		2	2+	9	4	1
KASKASKIA R NAV LOCK	48.2	29.1	38.7		68	16	1	2	810	0	0	3	19	0	3.54		1.04	17		4	1	7	3	1
MARION 4 NNE	50.1	28.6	39.4		67	16	2	2	789	0	0	2	19	0	4.50	- .06	1.31	17	3.7	3	3+	9	4	1
NASHVILLE 4 NE	49.4	31.7	40.6		63	15	2	2	749	0	0	2	12	0	4.01	.42	.90	30	3.6	3	2+	10	2	0
SPARTA	51.3	32.5	41.9	- 3.2	66	15	3	2	709	0	0	2	13	0	4.65	1.01	1.36	30	4.3	3	1	9	3	1
WATERLOO	49.0	29.4M	39.2M		69	8	0	2	802	0	0	3		1	4.46	1.29	1.41	17	7.0	4	2+	9	2	1
DIVISION			40.7	- 4.3											4.46	.36			4.1					
SOUTHEAST 09																								
ALBION	51.3	30.8	41.1		65	16+	2	1	733	0	0	2	15	0	5.96	1.57	1.30	1	3.8			8	5	3
BROOKPORT DAM 52	53.1	32.2	42.7		65	15+	9	2	687	0	0	2	16	0	4.93	- .23	1.46	17	1.0	1	2+	11	2	1
DIXON SPRINGS AGR C	53.0	33.3	43.2		67	16+	6	2	669	0	0	2	13	0	5.46		1.01	17	2.0	2	1	12	6	1
FAIRFIELD RADIO WFIW	49.0	31.3	40.2	- 4.1	65	15	0	2	763	0	0	2	15	1	6.19	2.16	1.46	30	5.5	6	1	12	4	2
HARRISBURG	52.8	32.7	42.8	- 3.6	69	15	7	2	680	0	0	2	15	0	4.78	.06	.99	24	3.0	3	2+	9	4	0
MC LEANSBORO 2 ENE	48.3	29.9	39.1	- 6.1	66	16	3	2	794	0	0	3	15	0	5.45	1.36	1.16	17	4.6	4	2	11	4	1
MT CARMEL	47.8	29.9	38.9		64	16	8	3	803	0	0	3	17	0	5.00		.86	21	4.5	3	2+			0
MT VERNON 3 NE	48.6	30.0	39.3	- 4.7	66	15	2	2	787	0	0	2	15	0	5.03	1.22	1.23	30	5.0	5	1	11	4	1
RENO LAKE DAM	48.2	30.4	39.3		67	16	4	2	789	0	0	2	16	0	4.97		1.36	17		2	2+	9	4	2
ROSICLARE	52.2	32.5	42.4		68	10	7	3	694	0	0	2	14	0	5.24	.12	.95	17	2.1	2	1	13	4	0
DIVISION			40.9	- 4.2											5.30	.91			3.5					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHWEST 01																																		
ALEDO	1.64					.03		.10	.61				T	.15										T	.33						.27	.15	.
DIXON 3 W	.97					.02			.17					.12	T			.08				.03		.11	.08			.04		.08		.24	.
FREEPORT WASTE WTR PLT	.67					.04	T		.05		T			.10	.04			.05						.10	.02	T				.27		T	.
FULTON DAM 13	.62					.03			.07		T			.14	T			.07						.04	.07	T				.08		.12	.
GALENA 1 N	.91					.16					T			.25	.03			.04			T			T	T					.43	T		.
GALVA	2.79					.07			1.08					.20				.11				.09		.01	.44	.30		.02		.01	T	.46	.
GENESEO	1.58				.05			.19	.22				.01	.16			.06				.02			.02	.32		T		T	T	.50	.03	.
HENNEPIN POWER PLANT	-					T			69				-	-	-			T							.40	.07	T		T			.43	.
ILLINOIS CITY DAM 16 //	1.24					.07		T	.42	T				.21				T						.05	.08	.06		T		T		.35	.
KEITHSBURG	2.22					.04		T	.86					.21			T	T				.01		.02	.51	.03		.01		T		.53	.
KEWANEE 1 E	1.93					.05			.73					.10	T		T	.06				.05		T	.50	.05		.03			T	.36	.
MOLINE WSO AP R	1.74				.06	.01		.19	.26	T			.06	.15			.22	T		T	T		T	.10	.22		T	.01	T		.46	T	.
MORRISON	.94					.01			.16					.09	.02			.21						T	.12	.03				.06		.24	.
MOUNT CARROLL	.82					.05			.12					.15				.12						.09	.04	T				.24	T	.01	.
NEW BOSTON DAM 17	1.76	T				.08			.78					.23				T				T		.05	.20	T		T		T	T	.42	.
PAW PAW	1.13	T				.03			.20					.02	.02			.12				.02		.08	.10				.20	.04		.30	.
ROCHELLE	.69					T			.23					.06	.04			T				T		.08	T			T		.06		.22	.
ROCKFORD 6 ENE	.50					.02	T		.08						.08			T				T		.01	.09					.22			.
ROCKFORD WSO AP //R	.97	T			.04	.03	T	.08	.08	T	T		T	.19			.03	.02			.01			.11	.07			T	.23	.04	.03	.01	.
STOCKTON 1 N	.61					.06								.12				.06						T	T					.37			.
TISKILWA 2 SE	1.92				T	.05		.18	.41					.14			.08	.09			T	T	T	.02	.50			.02	T	.02	.16	.25	.
WALNUT	1.44					.06		.09	.52					.09		T		T						.06	.30				T		.08	.24	.
* * * NORTHEAST 02																																		
ANTIOCH 2 NW	.85	.08				.01		.01	.12	T	T			T	.12				.04			T			.12	.04				.17		.14	.
AURORA	1.51	.05				.03			.34	T				.09	.08		.02	.32	T			.09		T	.06	.25				.01		.17	.
BARRINGTON	-	.05				T		T	.35					.05	T			.20				T			.07				T	-		.50	.
CHANNAHON DRESDEN ISL	2.95	.01	T		T	.03			1.03	.04				.14	.02			.38	.08			.22		T	.37	.12		.02		.14		.35	.
CHICAGO O'HARE WSO AP R	1.96	.08			.01	.05	T	.07	.27	T			.01	.23			.03	.45			.07			.01	.24	T			.14	.01	.20	.09	.
CHICAGO UNIVERSITY //	2.61	.09	.08			.04			.69					.21	.06			.33				.16		T	.46	.02				.26		.21	.
CHICAGO MIDWAY AP //R	-	0 .10				T	T	.02	0 .20	T			T	.12			.02	.11			.06			.01		T		.03	.13	.01	T	-	.
DE KALB	1.34	T				.02	T	.20	.32	T				.13				.08			T		T	.09	.11			.02	T	.09		.28	.
ELGIN	-	.22							0 .25					.13				-	-		.09			.02	.08							.30	.
GEBHARD WOODS ST PARK	-		T			T			.80	T				.10				-	-						.38	.15		.02		-		.40	.
JOLIET BRANDON RD DAM	2.77	.02				.03			.57	.26				.32	.05			.40	.02			.19			.35	.25		.02		.05		.24	.
MARENGO	.48	T				.03	T		.10		.01			.03	.08		T	.01	.01		.01	T		.03	.08	.01				.07		.01	.
MARSEILLES LOCK	2.49	.01	T			.02			.80	T				.14	.01		T	.30	T			.15		.01	.34	.15		.03		.11		.42	.
MC HENRY LOCK AND DAM	.78	.04				.01		T	.15		T			.02	.10			.03	T			T		.03	.09	T				.11		.20	.
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
OTTAWA	2.42	T				.05		.22	.71					.16			.08	.31			T	.07		.04	.47				.01	.05	.11	.14	.
PARK FOREST	2.88	.06	.03			T			.76	.02				.27	T			.60	.14		.15			T	T	.35		.02		.30		.18	.
PEOTONE	3.34	.22	T			.06			.42	.39				.15	.04			.37	.03			.26			.35	.16		.15		.42		.32	.
PERU 2 W	-		T				.01	.87								.29	.08		T			T		.45	.14		T		.12			-	.
STREATOR 2 ENE	2.37	T				.01		.35	.36					.18			.08	.20			.03	.10		.03	.40			.11	.09	.08	.21	.14	.
UTICA STARVED ROCK DAM	2.47	T	T			.08	.01		.87	.02				.15	.01		T	.34	T			.01		.03	.42	.12		.03		.10		.28	.
WAUKEGAN	0 .70	.03				.02		.02	0 .13		T			.02	.13			.03	.07			T			.04	.06						0 .15	.
WHEATON 3 SE	1.81	.02		.01			.01	.09	.32					.25				.46			.14				.34				.03			.14	.
* * * WEST 03																																		
AVON 5 NE	2.11					.03			.73					.21				.10								.45		.08				.51	.
BENTLEY 1 E	2.32	.08			T	.07		.14	.04		T		.09	.08			.02	.21			.10			T	.66			.12	.01	T	.62	.08	.
CANTON 1 ESE	4.94	.03						.42	.30	.44			.17	.37		.65	.07	.11			T	T		T	.54		.51	.10	.17	.19	.87		.
GALESBURG	2.50	T				.04			.56	T				.22	.02			.23				.14		T	.43	.15		.04		.02		.65	.
GLADSTONE DAM 18	1.50	T				T			.83	T				.29				T						T	.26	.03		T		T	T	.09	.
GOLDEN 1 NW	3.40	.13				.05								.20				.35			.11				.82			.07	T	T	.85	.82	.
LA HARPE	2.39	.06				.08			.52					.41			T	.02				.10		T	.38	T		.18			.40	.24	.
MACOMB	1.95	.10				.03			.32	T				.24				.03				.03		T	.53	.02		.13			T	.52	.
MONMOUTH	2.56					.05		.33	.60				.05	.26			.10	.01			.11				.50			.07	T		.41	.07	.
MOUNT STERLING	3.98	.20						.03					.20				1.00	.10			.52				.51						1.00	.42	.
PAYSON	4.02	.34				.17			.24					.52				.33				.13			.67	T		T		.13	1.43	.06	.
QUINCY FAA AP	4.01	.01			.09	.02		.31	.03				42	.10			.06	.06			.14			.05	.88		T	T	.09		1.75	T	.
QUINCY DAM 21 //	4.10	.13				.12			.35	T				.35				.13				.09			.81	.20		.04	.02	.07	1.35	.44	.
QUINCY MEMORIAL BRIDGE	4.73	.45	T			.16			.45	T				.49				.14				.13		T	.86	.13		.02		.06	1.74	.10	.
RUSHVILLE	0 3.84	.06			T	.14		.39	.14		T		0 .30	.35			.02	.12			.13	.02			.79				.03		1.25	.10	.
* * * CENTRAL 04																																		
BLOOMINGTON WATERWORKS	3.62	.05				.02			.74					.13	T			1.04				.12		T	.48	.18				.15	T	.71	.
CHENOA	3.71					T		.67	.21				T	.10			.04	.68			.05	.17			.86			.01	.11		.58	.23	.
CHILLICOTHE	2.71					T			.99					.35	T			.16	T						.42	.20			T	.14		.45	.
CLINTON 1 SSW	4.59	.10				.09			.70	T	.03			.08				.77	T			.28			.25	.52				.45	T	1.32	.
DECATUR	3.66	.28	T			.07	T		.62					.16	T			.41	T			.23			.52	.04	T			.47	.43	.43	.
FARMER CITY	-	.05				.08			.59					.06	.02			-				.17			.41	.51			.59		.93	.13	.
HAVANA 4 NNE	4.05	.15	T			.10			.38	T				.84	T			.45	T			.09			.80	.03		T		.06	.20	.95	.
LACON 2 E	2.72	T				.02		.46	.61					.32			.02	.12			.02	.03		.02	.53		T		.11	.05	.20	.21	.
LINCOLN	4.25	.12				.08			.73		T			.16	T			.50	.02			.13			.32	.39				.29	T	1.51	.
MACKINAW	3.03	.04				.04		.39	.22				.18	.15			.08	.12			.07				.72				.12	T	.78	.12	.
MASON CITY 1 NW	3.22	.07				.05		.40	.23				.04	.06				.38			.01	.06			.80				.03	T	.89	.20	.
MINONK	0 3.60					.20			.70	T			T	0 .32	0 .16			.40							.70	0 .02						1.10	.
MOUNT PULASKI	4.11								.60		T			.15				.30	.20			.21			.59					.33		1.73	.
NORMAL	3.19	T				T		.08	.44					.17	T		.04	.82				.16		T	.59				.02	.14	.64	.09	.
PEORIA WSO AP //R	2.79	T			.02	.03		.63	.12				.25	.17			.11	.05			.09			.03	.55		T	.05	.10	T	.59	T	.
PETERSBURG 3 SSW	3.64	.07				.14	T		.70					.19				.55	T			.12			.77					.24	.86		.
PRINCEVILLE	2.04					.04		.49	.25				T	.33			T	.07			T				.38				.09		.39		.
* * * EAST 05																																		
DANVILLE	4.69	T			T	.10		.20	1.05					.15				.69				.21			.47				.40	.16	1.10	.16	.
DANVILLE SEWAGE PLANT	4.17					.10			.88					T			T	.61	.09			.12			.16	.41				.47		1.33	.
GIBSON CITY 1 E	4.24					.11			.48					.06	.09			.98	.01			.07			.26	.70				.39		1.09	.
HOOPESTON 1 NE	4.59	T				.15	T		.51	T				.14	T			1.52	.05			.18			.17	.65				.33		.89	.
KANKAKEE WTR POLL CTR	2.47					.04			.05					.28	T			.36				.32			.16	.28		.06		.40	T	.52	.
MONTICELLO 2	4.23					.04			.73					.12	T			.96				.15			.48					.58	.18	.99	.
PIPER CITY 3 SE	2.86					.03			.76	T				.12	.02			.47	.04			.06			.15	.25				.27		.69	.
PONTIAC	3.49	T	T			.05	T	T	.93	T				.10	.01		T	.57	.10			.24		T	.32	.29		T		.23	T	.65	.
RANTOUL	4.73	T							.60	T	T			T				1.66	T						.10	.50				.40	.50	.97	.
SIDELL	2.75	.03				.06			.24	.06				.07	.03			.45				.17			.20					.50		.94	.
URBANA	4.29	T			.05	.03		.57	.12	T	T		.02	.07			.40	.84			.15	T		.02	.56		T		.44	.01	.99	.02	.
WATSEKA 2 NW	4.81								.95		T			.22	T			.37	.20			.18		.16		.60			T	.56	.54	1.03	.
* * * WEST SOUTHWEST 06																																		
ALTON DAM 26	3.23	.30	T						.04					.36	.05			.42	T			.42			.39	.01			.03	.15	.89	.17	.
BEARDSTOWN	-	.22				.10			.56		T			.46				-				.08		T	.68	.03				.10	1.16	.35	.
BLUFFS	4.47	48						.62					.50			.16		.25			.03		.12		.59				.22		1.30	.20	.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	4.16	.33				.13		.04	.35				.32	.20			T	.20			.09	.19			.47				.20	.01	1.61	.02
EDWARDSVILLE 1 NE	3.84	.29	T			.03			.04					.32	.15			.54	.08			.23			.45	.02			.04	.02	1.37	.26
GRAFTON	3.55	.40				.05			.42					.58	.05		T	.18				.35			46	T			T	.17	.77	.12
GREENFIELD	3.60	.32				.21			.36					.38	T			.17	.01						.61	T				.23	1.29	.02
GREENVILLE 1 E	3.68	.08												.22	.10			.59	.10			.23			.52				.02	.25	1.57	T
GRIGGSVILLE	4.50	.21				.14			.36		T			.40	T			.22							.85	.05				41	1.63	.23
HILLSBORO	3.88	.80				T		T	T				.20	.10			.04	.10			T			.10	.25				*	.74	1.30	.25
JACKSONVILLE 2 E	4.35	.70				.11			.17	T	T			.19				.41				.13			.58	.12				.27	.79	.88
JERSEYVILLE 2 SW	4.23	.60				.03			.91					.53	T			.21	T			.31			.35	T			.02	.19	1.05	.03
KINCAID	3.89	.21				.10			.45					.38	T			.23				.25			.55					.32	1.05	.35
MEDORA	3.63	.35				.10		.08	.35				.20	.25				.22			.07	.29			.40				.23		1.06	.03
MORRISONVILLE	-	.32	.07			.22			.13					.15	T		T	.16				.18			-					.43	1.45	.39
MOUNT OLIVE 1 E	4.05	.45							.48					.18	.08	.14						.24			.53					.36	1.48	.11
PANA	4.30	.54	T			.29			.07		T	T		.29	.10		T	.39	T			.24			.45	T			T	.45	.72	.76
SPRINGFIELD WSO AP R	4.29	.04			.03	.07		.44	T	.01	T		.39	.05			.74	.05		T	.17			.01	.66				.26	T	1.36	.01
VIRDEN 1 N	-	.42				.20			.48					.36	.02			.25				.19			.43						1.92	-
VIRGINIA	4.93	.27				.11			.56	T	T			.41				.48				.12			.63	.14				.20	1.60	.41
WHITE HALL 1 E	3.98	.05				.18		.07	.56	T	T		.30	.16				.09			.02	.14			.62	.03			.20	.02	1.48	.06
* * * EAST SOUTHEAST 07																																
CHARLESTON	3.68	.32							.52		.01	.01		.25				.51	.04			.27			.50						1.17	.08
CLAY CITY 6 SSE	4.66	.22	.06			.09			.33					.20	.02			.81				.60			.54					.37	.67	.75
DIONA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFFINGHAM 3 W	4.40	.35	.02			.09	T		.05			T		.30	.11			.66	.04			.20			.51	.40			T	.33	.62	.72
FLORA 5 NW	5.14	.28			.04	.13		T	.74				.15	.21			.08	.84			.03	.13		.04	.63				.35		1.47	.02
GREENUP	4.48	.36	T			.28	T		.16			.01		.31	.08			.62	.08			.29			.51	.22				.48		1.08
HUTSONVILLE POWER PL	4.82	.13				.24			.32					.33	.08			.81	.14			.43			.39	.02				41	.02	1.50
LAWRENCEVILLE	5.39	.22	.03			.29	T	T	.36			T		.25	.03			1.07	.02			.75			.66	.04			.05	.25	.32	1.05
MATTOON	4.13	.08			.15	.16		.60			.01		.03	.10		.02	.04	.44			.25	.02		.11	.38				.46		1.25	.03
MOWEAQUA	2.92	.05	T		T				.25				T				T	.34				.05			.28				.50	T	1.40	.05
NEWTON 6 SSE	4.97	.25				.18			.63			T		.20	.05			1.18				.20			.67	.02			T	.37	.34	.88
OLNEY 2 S	5.44	.40				.17			.60				.35	.04				.90				.68			.67				.45		1.13	.05
PALESTINE	4.71	.25			.07	.16	T	.03	.16		T		.13	.14			.12	.80			.22	.36		.10	.44				45		1.22	.06
PARIS WATERWORKS	4.18	.16			.03	.16		T	.47		.04		.02	.09				.51			.04	.47		T	.50	T			.45		1.24	
SAINTE MARIE	5.28	.32				.23			.66					.26	T			1.13	.06			.44			.61	.05			.04	.38	.18	.92
SALEM	4.86	.26			.01	.10		T	.44				.10	.18			.06	1.02			T	.16		.06	.66				.34	T	1.46	.01
TUSCOLA	3.60					.23			.30		T		.15				.01	.61				.25			.52				.48	.07	.95	.03
VANDALIA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	4.51	.21			T	.27			.91				T	.17	T			.47				.27		T	.53				.43		1.18	.07
* * * SOUTHWEST 08																																
ANNA 1 E	5.32	.16			.09				.15				.19	.05			.70	.79			.46	.31		.35	.53				.37	T	1.00	.17
BELLEVILLE SO ILL UNIV	4.10	.06				.02		T	.11				.22	.13				.71			T	.52		.11	.42				.29		1.32	.19
CAHOKIA	-	T	T											.30	.04			.74				-	T		.20	.50			.16		T	.20
CAIRO WSO CI R	4.61	.08			.17			.20					.18				.62	1.14			.43			.31	.29			.03	.31	.10	.75	
CARBONDALE SEWAGE PL	4.52	.16	T		T	.07			T				T	.15	.02			1.57	T		T	.62			.65	.21			.20	.04	.79	.04
CARLYLE RESERVOIR	-	-				.03			.48					.11	.05			.68	.09			.28			.58	.07			.06	.14	1.65	.06
CENTRALIA	4.39	.26	.05			.12			.33					.19	.17			.88	T			.17			.51	.16			.06	.30	.99	.20
CHESTER	4.00	.27	.05			.16							T	.16	.04			1.06				.23			.40	.33			.20	.05	1.00	.05
DU QUOIN 4 SE	4.92	.02			.32			.02					.28	.02			.22	.84			.56			.47	.70				.27		1.15	.05
GRAND TOWER 2 N	5.06	.11	.02			.06			.02				T	.16				1.19	.05		T	.73			.77	.19			.19	.07	*	1.50
KASKASKIA R NAV LOCK	3.54	.05	T			T			.09				.01	.12	.04			1.04	.01			.12			.56	.35			.19	.04	.85	.07
MARION 4 NNE	4.50	.15	.01			.07								.16	.04			1.31	.06		.02	.58			.61	.12			.23	.04	.93	.17
NASHVILLE 4 NE	4 01	.31	T			.04			.48					.05	.02			.83				.16			.48	.35			.11	.16	.90	.12
PRAIRIE DU ROCHER 1WSW	3.64	.05	T			T			.38				.04	.15	.04			.78	.01			.29			.51	.22			.20	.07	.78	.12
RED BUD 5 SE	4.78	.15				T			.70					.40	.02			.90	T			.27			.78					.37	1.13	.06
SPARTA	4.65	.24			T	.01			.37				.09	.07			.04	.92			.03	.20		.11	.79				.31	T	1.36	.11
WATERLOO	4.46	.27				T								.40	.09			1.41				.45			.47				.20	.12	.85	.20
* * * SOUTHEAST 09																																
ALBION	5.96	1.30			T			T	.40				T				.33	1.02			T	.67		.80	T				.25		1.19	
BENTON FOREST SERVICE	4.91	.11				.22			.03					.12	.08			1.20	.05		.01	.84			.71	.13			.17	.05	1.02	.17
BROOKPORT DAM 52	4.93	.05	.05			.18			.24					.26	.03			1.46	.15		.06	.57			.43	.08			.37	.27	.42	.31
CARMI 6 NW	4.80	T	.14			.22			.50					.09	.04			.95	.04		.20	.57			.60	.04			.18	.11	.55	.57
DIXON SPRINGS AGR C	5.46	.15			.14	.20		.13	.59				.10	.04			.55	1.01	.02		.09	.51		.02	.93	.01			.38		.56	.03
FAIRFIELD RADIO WFIW	6.19	.18			.01	.15		.01	.26		T		.20	.09			.24	1.15			.43	.61		.07	.85				.37	T	1.46	.11
GOLCONDA DAM 51	4.99	.04	.05			.30			.27					.13	.06			1.15	.21		.07	.60			.58	.39			.30	.16	.28	40
HARRISBURG	4.78	.18				.05		.03					.08	.06			.50	.94			.38	.22		.24	.99				.30		.81	
HARRISBURG DISPOSAL PL	4.72	.24	.01			.05			T					.17	.02			1.29	.07		.02	.53			.79	40			.24	.06	.51	.32
MC LEANSBORO 2 ENE	5.45	.25	.09			.28	T							.05	.11			1.16	.08		.08	.73			.71	.22			.22	.05	.76	.37
MT CARMEL	5.00	.25	.05			.14			.44					.12	.04			.49	.39		T	.86			.64	.52			.04	.16	*	.86
MT VERNON 3 NE	5.03	.20				.29			.48				.18	.02				.84	.10		.30	.02			.60	.19			.50		1.23	.08
REND LAKE DAM	4.97	.07				.23		T	.21						T	.07		1.36			.02	.72			.73	.19			.18	.08	1.00	.11
ROSICLARE	5.24	.16			.14	.25		.20	.03				.11	.06			.32	.95			.55	.22		.29	.76				.49		.71	T
SHAWNEETOWN NEW TOWN	4.89		.12			.08			.18	.08				.08	.06			1.08	.06		.06	.56			.65	.61			.26	.06	.59	.36
WAYNE CITY 1 N	3.69		.05			.23									.23					.02		.57			.66	.30				.32	1.31	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
MARCH 1980

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	28	29	39	44	37	35	32	37	45	43	32	30	32	45	58	59	55	59	57	55	45	48	53	46	42	39	54	50	52	49	55	44.6
	MIN	8	1	15	27	11	11	25	26	21	25	13	24	25	16	31	43	29	26	33	35	27	24	38	32	25	25	33	40	34	32	33	25.4
DIXON 3 W	MAX	15	19	25	37	41	25	30	31	37	40	41	33	31	31	42	55	53	40	54	53	53	43	42	48	35	35	40	49	47	51	43	39.3
	MIN	-1	-4	2	16	22	11	16	24	15	28	10	14	20	16	20	34	32	23	30	36	30	24	32	34	23	25	31	34	36	34	34	22.6
FREEPORT WASTE WTR PLT	MAX	14	22	24	37	35	23	27	30	37	38	40	30	31	31	42	52	53	40	54	54	54	43	39	45	34	35	42	51	42	48	44	38.4
	MIN	0	-6	-1	16	20	7	12	22	18	25	9	12	20	12	19	31	33	25	31	37	30	23	30	33	23	24	29	35	34	34	35	21.7
FULTON DAM 13	MAX	24	22	27	36	38	31	30	30	35	40	40	30	32	32	43	55	57	39	55	55	47	41	40	48	35	37	40	51	44	51	44	39.6
	MIN	-4	-3	-3	17	20	13	15	25	22	22	11	12	22	18	19	31	33	25	28	35	32	27	21	26	26	27	28	33	36	35	36	22.1
GALVA	MAX	11	20	28	38	42	23	34	32	35	43	42	32	30	31	42	55	55	39	55	54	53	43	47	53	34	37	36	51	48	50	40	39.8
	MIN	1	0	3	17	16	12	17	27	18	24	11	13	24	17	20	33	32	26	31	36	31	25	30	33	24	28	32	35	35	34	32	23.1
GENESEO	MAX	20	27	38	40	32	33	31	35	42	41	36	30	31	43	57	58	40	56	55	53	44	42	52	37	37	38	53	48	52	41	56	41.9
	MIN	7	1	16	27	14	13	24	24	22	19	14	23	25	18	30	38	29	26	36	37	31	27	34	28	24	32	33	38	36	34	34	25.6
HENNEPIN POWER PLANT	MAX	16	20	24	39	44	27	35	34	35	37	46	40	36		34	61	55	40	55	56	56	46	46	55	37	37		50	47	58	41	41.6
	MIN	2	-4	3	9	25	10	18	29	17	17	16	17	12		17	25	35	26	32	40	32	24	33	35	26	32	33	36	36	38	34	23.5
KEWANEE 1 E	MAX	11	20	26	37	41		34	32	34	43	41	32	32	36	41	53	54	39	56	54	53	44	44	53	34	36	37	50	48	51	40	40.2
	MIN			6	12	15	8	15	14	14	20	10	20	25	12	22	37	32	26	35	35	30	33	32	32	22	22	32	31	35	35	33	24.0
MOLINE WSO AP	MAX	19	27	38	42	31	34	31	34	42	40	33	32	30	45	58	59	41	59	55	52	45	45	51	37	43	37	54	51	53	41	58	42.5
	MIN	6	-2	15	24	13	12	22	21	15	20	14	25	25	12	28	38	28	25	37	37	31	24	36	25	25	28	33	39	36	36	33	24.5
MORRISON	MAX	14	21	25	37	42	22	31	32	37	39	41	33	32	32	43	55	54	40	55	54	53	44	42	49	35	38	40	53	49	53	44	40.0
	MIN	-1	-9	8	17	20	11	19	25	19	22	11	13	23	17	20	34	33	24	30	35	31	22	28	33	21	21	31	36	35	35	34	22.5
MOUNT CARROLL	MAX	13	21	25	38	37	23	29	30	37	39	40	33	33	31	43	53	54	40	55	53	52	43	41	46	35	37	40	53	45	50	44	39.1
	MIN	0	-10	-5	14	18	5	15	23	12	23	6	10	21	8	16	31	32	18	30	30	31	17	30	31	17	19	30	34	34	33	35	19.6
PAW PAW	MAX	14	20	20	34	38	25	29	32	37	38	40	29	29	34	39	53	49	38	50		51	49	40	50	34	33	38	48	42	51	46	37.7
	MIN	-5	-1	7		25	10	11	23	18	30			18	18	18	28	33	26	24		30	23	23	33	24	23	32	24	31	31	26	21.6
ROCHELLE	MAX	15	20	22	35	40	25	29	32	35	39	40	30	30	33	41	53	52	39	50	52	54	43	41	47	35	33	40	49	45	51	43	38.5
	MIN	1	-8	0	13	23	12	14	24	25	24	10	11	19	10	15	30	32	23	29	32	30	25	28	33	25	26	30	32	34	32	33	21.5
ROCKFORD WSO AP	MAX	19	22	33	38	30	27	30	34	37	40	29	31	30	38	49	49	37	51	51	54	43	38	47	34	33	41	49	42	50	43	56	38.9
	MIN	1	-9	9	22	11	8	18	22	18	15	8	20	23	15	24	35	26	20	33	33	26	21	30	23	21	23	32	35	31	32	31	21.2
STOCKTON 1 N	MAX	10	19	22	33	31	18	25	28	33	38	38	28	30	29	40	50	51	38	53	53	51	41	39	42	33	38	40	49	40	47	43	36.5
	MIN	-1	-5	4	17	14	1	7	19	15	23	6	11	20	13	19	30	30	23	32	32	28	21	29	30	20	20	30	33	33	32	33	20.0
TISKILWA 2 SE	MAX	22	25	37	45	37	34	33	37	43	42	32	31	33	42	57	54	50	54	55	54	44	44	54	51	37	37	50	49	53	49	54	43.2
	MIN	10		12		13	10	23	29	22	24	13	21	25	18	22	42	33	26	37	39	31	24	34	33	24		30	39	35	35	33	26.3
WALNUT	MAX	19	24	36	39	35	30	31	41	41	41	30	30	30	40	55	54	51	54	54	55	55	55	52	50	34	37	47	49	52	50	56	42.8
	MIN	7	-4	10	26	22	11	24	18	18	24	11	22	24	28	17	39	32	25	36	38	30	23	32	32	24	30	32	37	33	34	30	24.7
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	16	21	27	35	36	25	25	28	39	40	42	28	28	32	43	47	53	38	48	51	57	42	38	45	34	36	39	50	41	47	43	37.9
	MIN	-3	-4	-3	11	21	7	7	11	17	18	5	8	17	21	19	33	35	22	22	37	31	20	24	33	26	22	21	31	33	31	32	19.5
AURORA	MAX																																
	MIN	7	0	10	26	14	12	23	25	18	18	11	17	22	19	26	40	30	24	35	37	31	25	31	30	25	31	33	38	34	33	34	24.5
BARRINGTON	MAX	18	26	25		40	25	26	31	37	40	42	30	28	33	40	53	54	34	48	52	56	43	40	43	39	35	45	50	42	40	44	38.6
	MIN	-2	-3	7	7	23	9	14	24	20	25	10	10	18	22	22	34	33	29	29	38	31	23	27	33	26	26	31	35	33	33	32	22.5
CHICAGO O'HARE WSO AP	MAX	19	21	35	42	33	28	33	37	41	44	31	30	32	42	55	57	48	49	55	59	44	40	53	40	35	45	51	44	46	43	46	41.2
	MIN	8	-1	8	25	15	6	21	26	20	18	13	19	21	21	27	39	26	22	36	38	29	22	32	30	28	28	33	37	30	34	34	24.0
CHICAGO UNIVERSITY	MAX	24	27	32	41	42	31	34	35	42	46	44	34	32	40	47	57	55	44	51	57	58	46	46	54	35	39	48	50	43	43	41	42.5
	MIN	14	9	12	28	25	15	24	32	24	34	13	18	25	25	31	44	34	28	37	41	35	30	32	34	30	33	35	37	36	35	34	28.5
CHICAGO MIDWAY AP	MAX	23	26	33			28			41	44	31	32	35	41	54	55	49	49	53	58	45	41	53	47			50	53	46	43	45	43.0
	MIN	9	4				9			20		13		24	21	24	41	31	20	29	38	32	26	31	30	25		34	31	36	34	31	25.8
DE KALB	MAX	20	20	35	40	38	27	31	38	39	42	29	30	32	40	53	52	49	48	51	56	46	42	48	48	33	41	51	49	53	48	51	41.3
	MIN	8	0	9	24	20	11	22	28	18	24	10	18	23	19	28	38	31	25	32	36	29	25	30	32	24	26	30	37	34	32	32	24.4
ELGIN	MAX	15	20	22	33	40	25	26	31	37	38	42	30	29	32	40	54	53	38	48	50	54	42	42	49	34	34	43	49	42	49	43	38.2
	MIN	-2	2	3	12	22	11	13	23	20	23	7	10	17	19	19	28	33	26	27	36	31	24	26	33	25	26	30	33	33	33	32	21.8
GEBHARD WOODS ST PARK	MAX	19	22	34		41	29	32	35	41	41	44	32	32	35	41	58	57	40	51	54	58			55	37	37	42	55	46	55	45	41.7
	MIN	0	2	15		22	12	17	26	22	30	14	15	22	22	26	34	33	30	33	34	33			35	28	30	33	35	35	38	36	25.4
JOLIET BRANDON RD DAM	MAX	18	24	24	34	42	30	32	35	38	42	44	31	32	33	42	58	55	39	50	52	59	45	43	55	38	36	42	54	48	52	46	41.1
	MIN	1	1	1	11	25	12	14	27	18	23	10	12	23	17	19	29	34	24	26	37	31	25	27	35	26	28	32	32	35	37	32	22.7
MARENGO	MAX	13	20	26	35	42	25	25	25	36	40	42	31	31	33	40	52	52	39	50	51	55	43	40	45	33	34	42	51	42	49	43	38.2
	MIN	-3	-2	1	13	21	8	13	19	19	23	8	9	18	17	18	29	33	22	25	34	30	21	26	33	21	24	29	33	34	30	32	20.6
OTTAWA	MAX	25	29	39	43	37	33	34	39	44	45	33	30	37	44	60	57	51	54	54	59	48	45	55	54		40	54	54	56	53	50	45.2
	MIN	11	1	14	29	23	14	27	31	20	27	14	21	26	23	29	40	34	26	35	41	33	25	33		29	34	35	39	37	37	35	27.4
PARK FOREST	MAX	20	21	23	33	42	30	31	35	36	41	43	31	30	34	39	55	56	37	49	53	57	44	44	53	35	35	40	53	46	45	46	39.9
	MIN	5	7	8	14	28	12	16	30	17	31	12	14	18	20	25	35	36	24	32	38	33	24	29	34	29	30	32	34	34	35	34	24.8
PERU 2 W	MAX	22	28	38	42	38	33	34	38	40	43	32	32	33	39	56	54	52	54	54	58	55	47	52	47	37	40	54	51	54	53	51	43.9
	MIN	8	5	16	27	16	16	24	28	23	29	15	18	24	24	32	32	36	30	38	40	32	30	29	33	27	32	33	38	36	34	31	27.0
WAUKEGAN	MAX	18	18	24	34	34	25	25	31	38	40	43	30	29	31	41	42	56	38	49	53	57	43	36	48	34	34	41	49	44	42		37.6
	MIN	-2	3	3	12	25	9	10	8	20	21	11	11	20	20	21	24	34	23	25	39	32	23	24	32	22	21	20	33	34	31		20.3
WHEATON 3 SE	MAX	24	26	36	48	42	27	35	40	41	43	32	32	36	42	43	56	50	51	54	59	48	43	53	53	35	44	50	50	50	47	45	43.1
	MIN	11	2	12	24	23	10	21	30	17	25	10	17	25	19	20		33	20	35	34	32	20	30	30	26	30	33	39	36	32	33	24.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
WEST 03																																	
GALESBURG	MAX	21	27	39	48	31	36	33	36	46	43	33	31	30	45	58	59	41	58	56	53	45	49	54	38	41	37	53	50	50	40	55	43.1
	MIN	9	2	12	29	14	13	29	25	23	15	14	23	24	15	32	38	27	26	36	35	30	25	38	27	26	31	34	39	36	28	33	25.4
GOLDEN 1 NW	MAX	24	23	41	48	38	41	36	39	47	49	45	39	37	36	46	61	58	60	61	61	47	55	54	52	47	43	60	59	48	44	53	46.8
	MIN	10	-5	11	32	12	14	32	30	26	32	20	20	26	15	14	43	31	29	37	42	33	28	40	35	29	31	35	43	36	40	36	27.6
LA HARPE	MAX	25	27	40	46	37	39	35	40	50	43	37	33	36	47	61	61	56	60	61	56	48	53	56	52	46	39	55	51	50	48	56	46.6
	MIN	8	0	12	29	10	12	30	29	23	26	15	26	28	13	32	43	31	25	37	37	32	25	40	34	26	31	33	41	36	39	34	27.0
MONMOUTH	MAX	22	30	39	47	38	35	35	37	46	43	32	31	33	44	57	59	54	59	57	54	46	49	54	50	42	37	52	52	49	48	56	44.7
	MIN	10	3	15	29	13	13	28	28	24	26	15	27	25	18	32	42	31	27	35	37	31	26	40	33	25	29	33	41	37	37	33	27.2
QUINCY FAA AP	MAX	22	23	40	45	35	40	36	39	50	45	37	33	32	46	60	60	44	59	62	55	48	52	54	50	47	44	60	51	46	46	53	45.6
	MIN	12	-2	11	35	14	17	32	31	27	25	21	29	28	20	40	40	33	31	42	39	35	32	46	35	33	34	38	44	41	41	39	30.4
QUINCY DAM 21	MAX	19	23	26	44	44	24	42	37	40	53	45	39	33	32	46	62	60	44	61	65	53	48	52	56	41	47	45	55	50	47	44	44.4
	MIN	10	3	1	15	13	12	17	30	25	25	20	20	26	15	14	41	32	28	29	41	35	26	27	40	30	30	31	37	39	38	31	25.2
RUSHVILLE	MAX	24	25	39	46	37	39	37	40	42	45	36	34	31	43	59	59	52	58	57	57	47	52	55	53	43	39	59	52	47	54	52	45.6
	MIN	10	-2	12	34	12	15	30	35	25	32	18	26	26	12	35	42	32	28	37	40	32	25	41	34	28	32	34	44	34	44	35	28.5
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	20	24	34	38	35	36	36	35	45	45	32	30	33	42	59	52	50	52	52	59	44	49	53	46	35	37	58	51	51	49	46	42.8
	MIN	5	-2	12	26	22	12	27	31	25	25	15	22	26	21	27	45	32	26	37	37	32	27	32	33	29	32	31	39	37	38	35	27.0
DECATUR	MAX	25	24	38	44	36	41	40	38	49	50	38	32	34	45	65	59	50	55	58	60	47	54	57	49	41	41	61	53	50	48	44	46.0
	MIN	8	-4	10	31	21	11	29	33	20	29	18	28	27	27	33	43	35	22	34	40	32	23	34	36	31	31	31	43	40	38	35	28.0
FARMER CITY	MAX	20	28	35	43	35	37	40	38	46	46	38	30	33	47	61	57	50	53	55	58	50	49	53	49	37	37	50	57	46	50	44	44.3
	MIN	6	0	10	30	23	14	30	15	24	27	12	25	27	25	31	42	32	25	35	37	31	26	34	35	30	31	31	32	33	38	35	26.6
HAVANA 4 NNE	MAX	18	22	27	38	48	27	39	35	40	49	46	38	33	32	43	60	54	42	59	58	59	47	53	56	40	43	38	59	52	49	43	43.5
	MIN	10	5	11	19	17	16	21	32	24	29	18	19	26	14	22	38	34	25	31	39	34	26	32	40	28	32	31	36	39	38	36	26.5
LACON 2 E	MAX	23	28	38	46	38	36	34	36	45	44	34	33	32	45	62	54	52	56	58	58	46	49	56	54	40	38	55	51	52	47	55	45.0
	MIN	8	-3	14	28	20	10	26	29	22	27	14	22	24	19	26	45	32	24	35	41	32	22	33	34	22	32	33	41	35	36	33	26.3
LINCOLN	MAX	23	26	36	44	38	37	41	40	48	48	35	33	34	43	61	57	52	55	57	62	47	52	57	53	41	38	58	56	50	50	47	45.8
	MIN	9	5	12	30	20	15	31	32	24	31	17	26	26	23	32	42	33	26	33	36	32	26	37	35	29	32	32	42	39	39	35	28.4
MASON CITY 1 NW	MAX	22	25	36	44	39	38	38	39	47	45	35	33	31	41	59	55	51	56	57	58	47	52	56	51	42	38	58	50	48	48	48	44.7
	MIN	10	5	13	31	18	16	30	31	26	28	18	27	27	27	32	43	33	27	36	39	33	27	39	35	29	33	32	43	39	38	36	29.1
MINONK	MAX	28	31	30	33	48	32	25	34	39	44	36	27	32	32	42	53	55	41	55	61	59	49	47	48	38	38	45	48	49	48	39	41.5
	MIN	16		19	21	28	13	10	11	16	16	18	18	20	26	28	32	32	25	30	38	42	29	25	35	25	32	32	38	37	38	32	26.1
NORMAL	MAX	20	27	35	45	40	35	37	37	45	44	35	34	34	42	60	59	50	52	56	59	55	49	54	53	37	37	58	56	48	48	44	44.7
	MIN	8	2	14	31	21	14	30	32	25	34	16	25	25	23	36	45	32	25	37	40	32	25	38	36	28	31	32	40	37	38	34	28.6
PEORIA WSO AP	MAX	22	28	38	48	34	37	35	39	47	45	35	32	31	40	58	54	41	56	56	59	47	50	55	47	44	38	58	51	49	42	53	44.2
	MIN	9	3	14	30	14	13	31	27	24	21	15	26	26	21	30	41	27	24	35	38	29	26	40	29	26	32	34	41	38	38	34	27.0
PRINCEVILLE	MAX	20	30	39	48	39	36	35	36	46	44	34	31	32	44	58	57	52	57	57	52	46	51	56	50		37	56	50	51	48	56	44.9
	MIN	10	-2	14	29	18	11	28	28	24	25	13	24	25	15	28	44	31	21	35	39	31	24	38	32	24	30	35	40	35	37	40	26.6
* * *																																	
EAST 05																																	
DANVILLE	MAX	21	25	33	4'	38	37	42	37	46	51	36	34	35	42	61	59	56	51	55	53	50	50	55	53	37	39	58	57	51	51	44	45.1
	MIN	7	-1	7	29	25	11	26	34	21	30	18	21	28	24	27	47	35	23	36	41	36	25	31	36	32	33	29	43	40	40	38	28.1
HOOPESTON 1 NE	MAX	19	21	32	41	35	34	38	36	44	47	32	30	34	41	59	56	54	50	52	52	51	48	54	50	36	38	55	50	51	47	42	42.9
	MIN	5	-1	7	27	23	12	28	33	25	29	16	23	27	22	30	41	33	25	33	39	33	26	32	35	30	31	31	41	38	40	37	27.5
KANKAKEE WTR POLL CTR	MAX	26	21	23	34	43	31	32	33	39	43	45	33	31	36	43	54	59	38	50	52	57	52	61	55	38	37	41	56	45	50	42	41.9
	MIN	3	3	4	11	29	12	6	18	21	22	14	15	18	20	24	34	32	28	29	36	32	34	35	28	29	28	31	33	35	35	36	24.0
PIPER CITY 3 SE	MAX	20	21	32	39	35	33	37	35	44	45	35	31	34	43	58	56	50	51	52	58	52	47	53	51	38	38	56	50	53	49	43	43.2
	MIN	4	0	8	25	21	13	27	32	25	26	25	22	26	20	29	38	29	27	33	37	32	27	37	34	29	31	30	39	37	35	35	26.9
PONTIAC	MAX	21	24	36	43	35	32	33	36	44	44	33	30	34	43	60	55	50	53	52	60	51	45	54	51	35	36	57	53	52	49	47	43.5
	MIN	5	-3	6	25	24	12	27	32	24	28	15	22	25	22	28	40	35	26	33	37	32	27	32	34	29	32	31	40	37	36	35	26.7
RANTOUL	MAX	18	17	20	33	39	29	33	39	34	45	48		34	28	43	47	51	38	50	54	53	45	48	54	45	36	38	55	48	52	43	40.6
	MIN	5	-13	0	3	28	16	19	31	30	9	15	19	15	23	23	31	38	26	30	34	32	26	30	37	30	29	31	38	38	37	35	24.0
URBANA	MAX	20	23	34	40	36	36	39	36	46	49	35	32	33	43	61	53	52	51	55	57	46	49	54	46	37	38	58	48	50	44	43	43.4
	MIN	6	4	11	28	19	15	30	30	26	23	17	26	27	25	33	45	34	28	34	38	33	29	35	32	30	32	31	42	38	40	36	28.3
WATSEKA 2 NW	MAX	19	22	21	30	39	33	32	38	36	41	46	31	30	32	41	58	56	42	49	51	55	45	54	53	43	35	39	56	52	56	44	41.3
	MIN	5	-13	-12	12	27	12	15	29	20	21	15	17	22	22	26	35	42	26	30	36	33	25	30	30	29	30	30	34	37	32	35	23.6
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	25	22	25	42	47	28	44	52		55	56	40	34	34	49	64	56	44	58	60	59	48	54	58	50	46	47	60	53	53	50	47.1
	MIN	10	6	9	17	24	19	23	34	25	30	22	23	30	24	24	40	36	29	35	40	36	29	37	44	33	33	36	40	42	42	38	29.4
CARLINVILLE	MAX	22	28	39	47	39	41	42	39	52	55	40	35	34	46	66	58	54	59	58	52	49	55	59	52	43	45	61	56	48	48	47	47.4
	MIN	9	-2	10	31	20	15	32	33	21	33	19	27	29	20	36	44	33	25	38	42	33	28	38	36	30	29	29	44	40	41	36	29.0
GRIGGSVILLE	MAX	23	24	42	48	36	41	35	38	51	46	37	31	30	45	63	60	54	59	63	59	47	54	59	55	45	41	60	53	44	45	49	46.4
	MIN	10	0	12	32	14	15	29	32	25	31	18	27	27	18	37	45	32	29	40	41	33	28	42	32	28	31	33	44	40	40	36	29.1
HILLSBORO	MAX	21	24	38	46	42	42	48	40	51	55	42	38	35	54	65	63	50	57	58	59	48	53	58	51	43	50	61	60	49	48	46	48.2
	MIN	10	0	5	34	23	10	30	33	24	32	20	31	30	20	30	48	35	32	29	40	38	28	45	38	32	35	30		42	40	38	29.4
JACKSONVILLE 2 E	MAX	20	22	23	37	44	25	40	38	39	49	49	36	32	32	44	63	58	43	58	57	60	48	54	58	46	41	40	59	48	47	48	43.8
	MIN	11	2	1	14	20	16	18	32	24	26	19	13	27	18			35	27	29	39	34	27	27	37	29	29	31	34	38	35	36	25.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	23	20	27	41	47	28	42	47	38	54	55	40	33	32	43	61	58	43	59	60	60	50	53	60	49	45	47	61	50	51	48	46.0
	MIN	8	-3	5	22	17	17	26	32	22	34	19	24	27	11	27	41	33	25	35	40	33	23	35	45	29	30	31	40	40	40	35	27.2
MORRISONVILLE	MAX	24	22	35	36	44	26	40	45	38	52	42	32	32	34	45	62	55	54	53	56	60	49	54	58	48	42	40	55	48	50	46	44.4
	MIN	9	-3	2	10	24	16	19	34	27	30	19	24	25	18	25	35	37	37	31	36	32	25	27	38	30	33	33	35	40	40	36	26.6
PANA	MAX	18	22	36	42	38	39	51	38	49	52	35	32	35	44	63	56	54	53	56	57	47	53	57	51	38	42	60	53	50	48	45	45.6
	MIN	8	0	8	24	22	17	32	33	24	31	19	27	28	25	34	47	34	27	37	41	34	28	37	36	31	33	31	44	40	39	36	29.3
SPRINGFIELD WSO AP	MAX	21	23	35	43	35	41	41	41	51	48	39	33	32	43	62	58	52	58	59	64	49	53	55	47	41	40	59	48	48	47	47	45.6
	MIN	7	-2	11	31	18	15	30	29	25	22	18	27	29	18	36	46	32	26	39	41	34	30	39	34	30	33	33	41	39	40	36	28.6
VIRDEN 1 N	MAX	22	24	37	44	37	40	38	38	49	51	37	35	32	44	64	60	53	58	58	61	46	54	57	54	41	40	60	53	48	47	47	46.1
	MIN	10	0	11	32	17	15	31	32	30	34	18	27	28	19	36	42	34	26	37	40	42	36	43	37	30	33	32	44	39	41	36	30.1
WHITE HALL 1 E	MAX	31	25	39	46	42	40	40	38	51	52	39	37	32	43	63	62	54	57	60	60	47	52	58	57	43	44	60	57	47	48	48	47.5
	MIN	10	0	9	32	16	15	33	33	23	33	19	27	28	16	33	44	32	26	38	39	34	21	41	36		31	32	45	40	41	36	28.8
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	27	23	35	42	41	38	47	39	48	53	40	35	34	43	62	59	53	51	56	54	51	51	53	51	39	43	58	51	51	48	45	45.8
	MIN	7	-1	4	30	23	14	30	34	21	37	19	28	28	26	34	42	34	24	36	41	34	28	37	39	31	32	41	44	41	39	37	29.5
EFFINGHAM 3 W	MAX	26	18	22	35	44	33	39	50	39	49	56	37	35	34	46	63	55	41	52	56	55	46	51	53	55	38	44	59	50	50	46	44.4
	MIN	8	-2	0	11	33	15	19	37	22	24	20	21	29	28	28	37	41	25	27	38	35	25	27	41	32	32	31	35	42	41	39	27.1
FLORA 5 NW	MAX	19	25	38	44	48	41	58	52	52	60	41	34	34	49	65	59	55	52	57	54	50	53	53	57	42	46	59	54	51	48	47	48.3
	MIN	8	-2	4	32	24	16	30	37	21	37	19	28	30	28	37	53	35	24	35	40	34	24	38	40	32	35	30	45	42	42	38	30.2
MATTOON	MAX	20	23	35	41	40	38	47	39	48	52	36	34	35	43	61	54	54	51	56	53	46	51	52	50	37	41	59	48	50	49	45	44.8
	MIN	8	3	7	28	19	16	32	29	23	23	19	28	27	27	34	46	32	28	35	40	33	29	35	32	30	31	31	41	40	33	40	28.4
MOWEAQUA	MAX	20	23	35	42	37	39	45	40	48	51	43	35	34	43	64	57	53	53	57	58	49	57	50	52	41	40	59	58	50	50	43	46.0
	MIN	8	-6	9	30	21	17	33	32	25	34	19	27	28	23	33	44	33	28	35	40	33	35	27	39	32	33	32	44	41	40	36	29.2
NEWTON 6 SSE	MAX	26	20	22	34	44	34	40	52	40	48	56	38	35	38	45	62	55	45	50	55	50	47	53	52	55	38	47	59	50	48	48	44.7
	MIN	7	-2	2	12	32	19	21	35	26	30	21	23	29	28	29	41	44	29	33	37	35	28	33	41	32	33	31	33	42	41	40	28.5
OLNEY 2 S	MAX	19	23	35	45	40	41	55	50	51	60	40	35	35	48	62	56	55	52	55	52	47	53	56	58	41	47	60	57	50	49	44	47.5
	MIN	9	0	1	31	25	18	30	36	24	35	21	29	30	29	36	49	36	25	35	42	36	25	38	41	33	35	31	46	43	42	43	30.8
PALESTINE	MAX	20	23	36	43	45	40	46	47	51	59	38	36	35	45	64	58	55	52	56	51	48	51	54	57	40	47	60	52	50	48	46	46.9
	MIN	8	0	4	30	26	19	30	36	26	34	21	29	30	27	33	49	36	26	37	42	37	27	37	38	34	36	33	47	44	41	40	30.9
PARIS WATERWORKS	MAX	20	24	34	41	40	37	44	40	48	53	34	34	35	41	62	58	55	52	56	52	48	48	54	52	37	43	59	50	51	47	45	45.0
	MIN	4	-1	8	27	22	13	27	32	23	28	18	23	25	23	29	44	32	24	33	39	33	26	32	34	29	31	29	42	39	37	36	27.1
SALEM	MAX	21	25	40	43	48	45	61	55	53	58	43	36	33	51	66	58	55	56	58	55	51	56	56	52	42	49	63	56	52	49	46	49.4
	MIN	9	3	8	34	25	18	33	37	24	35	22	29	30	23	35	51	35	24	38	42	37	26		39	31	34	32	44	42	41	37	30.6
TUSCOLA	MAX	28	28	38	40	36	36	43	41	47	50	35	34	35	43	60	53	52	51	56	56	53	50	53	50	42	53	58	57	50	47	45	45.8
	MIN	10	0	10		24	15	31	33	25	32	18		24	26	32	40	34	28	32	32	34	29	36	33	31	30	31	44	40	39	36	28.6
VANDALIA 3 SW	MAX																																
	MIN																																
WINDSOR	MAX	19	25	35	42	39	39	50	41	49	52	39	34	34	41	63	61	53	52	57	56	53	52	54	50	38	44	59	57	50	47	45	46.1
	MIN	8	-1	9	30	23	15	32	34	27	37	19	29	29	28	36	36	34	28	36	41	33	28	34	33	31	33	32	43	40	39	37	29.5
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	28	25	38	45	51	48	57	60	55	70	48	39	39	52	65	56	55	54	55	56	52	56	56	54	45	52	64	60	53	58	50	51.5
	MIN	10	5	10	32	30	24	34	39	28	35	22	30	32	27	29	46	33	30	35	44	37	29	41	44	34	32	33	46	45	45	43	32.4
BELLEVILLE SO ILL UNIV	MAX	26	30	38	46	48	44	64	64	56	63	52	40	34	53	65	62	56	57	59	61	56	55	56	54	43	48	61	59	52	51	47	51.6
	MIN	10	4	9	34	24	16	32	36	23	30	21	29	30	18	34	48	33	25	37	41	36	25	40	42	33	28	29	45	42	45	39	30.3
CAHOKIA	MAX							49	66			62	42	39	40	54	68	58	44		60	64	52	62	55	60	54	46	49	53	55	51	53.8
	MIN									33	34	22	24	26	24	24	29	49	20	23	35	28	28	27	41		33	32	33	44	43	39	31.4
CAIRO WSO CI	MAX	25	26	41	52	53	49	63	63	56	71	44	40	42	53	66	58	57	55	55	58	52	58	60	54	42	50	63	58	58	57	52	52.6
	MIN	15	14	20	38	28	26	40	43	36	37	29	35	38	33	36	51	37	32	41	44	41	34	49	42	39	39	42	50	50	47	47	37.2
CARBONDALE SEWAGE PL	MAX	34	20	27	41	52	37	49	62	47	58	68	43	39	38	54	66	57	45	55	58	54	51	57	59	55	40	50	64	54	52	60	49.9
	MIN	9	6	5	16	30	19	22	45	25	29	22	24	29	27	29	37	43	24	30	39	37	24	32	47	34	33	28	37	44	45	41	29.4
CARLYLE RESERVOIR	MAX	29	20	25	39	47	29	44	63	40	53	60	38	34	34	52	67	57	45	55	59	56	49	55	55	51	43	47	60	50	53	60	47.4
	MIN	9	1	4	12			22	35	27	30	20	24	29	23	29	38	39	29	35	40	35	29	37	45	32	32	34	38	42	42	39	29.3
DU QUOIN 4 SE	MAX	18	25	40	51	51	45	61	59	55	66	41	36	37	53	66	57	56	56	57	57	50	55	59	54	40	45	60	53	50	60	45	50.3
	MIN	9	4	12	35	20	20	35	33	26	25	23	30	32	27	33	48	29	27	37	41	30	27	43	35	33	33	32	46	44	44	35	30.6
KASKASKIA R NAV LOCK	MAX	30	20	27	42	50	37	44	60	44	57	60	43	35	36	55	68	57	43	57	61	59	52	57	56	48	40	48	49	52	50	58	48.2
	MIN	10	1	2	19	27	19	23	39	25	27	21	23	29	26	29	39	39	27	30	39	36	28	31	46	35	35	32	35	44	44	41	29.1
MARION 4 NNE	MAX	35	20	26	39	51	34	48	61	46	57	62	45	36	38	56	67	57	54	56	58	55	51	58	58	55	50	51	64	55	51	60	50.1
	MIN	9	2	3	12	31	18	20	45	26	28	21	22	32	24	26	33	50	23	25	38	36	25	26	47	34	32	33	34	45	45	41	28.6
NASHVILLE 4 NE	MAX	24	24	37	43	46	43	60	58	52	60	46	37	34	51	63	60	55	54	56	55	52	52	55	62	42	47	58	54	50	54	46	49.4
	MIN	9	2	10	33	25	20	34	36	29	35	21	29	29	26	34	48	34	29	38	43	36	30	42	41	33	35	33	45	42	44	39	31.7
SPARTA	MAX	25	25	40	45	50	45	64	59	56	65	49	38	35	55	66	57	56	58	59	60	53	57	57	54	43	48	60	57	51	57	46	51.3
	MIN	9	3	14	35	26	19	36	38	26	38	22	29	29	27	37	50	33	29	39	45	36	29	43	43	33	32	34	46	44	45	40	32.5
WATERLOO	MAX	30	20	29	44	50	33	47	69	42	58	63	41	33	33	55	68	55	43	60	63	63	51	56	57	53	42	47	60	51	50	53	49.0
	MIN	9	0	10	20	24	17	25	38	26	30	20	28	28	21	32		35	28	40	43	35	29	41	46	32	31	33	40	42	42	38	29.4
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	25	25	39	45	48	43	57	57	53	60	51	38	35	50	65	65	62	54	57	57	52	54	58	55	56	49	60	59	54	53	53	51.3
	MIN	2	6	10	32	25	20	34	32	35	40	22	28	30	29	42	40	30	30	31	43	36	35	37	40	33	35	33	45	33	27	40	30.8
BROOKPORT DAM 52	MAX	31	27	46	49	51	50	60	62	56	65	58	41	41	55	65	62	56	53	54	58	55	56	58	54	48	51	61	60	58	56	50	53.1
	MIN	11	9	12	35	31	19	32	39	26	29	23	30	33	27	27	47	33	25	33	44	38	26	44	46	35	31	30	47	46	45	44	32.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OIXON SPRINGS AGR C	MAX	30	25	39	44	51	48	58	62	55	66	64	42	39	51	67	67	56	54	56	55	53	58	59	54	50	53	63	62	55	57	50	53.0
	MIN	9	6	7	36	32	18	36	40	28	35	23	32	34	28	35	48	35	25	37	45	39	26	44	48	35	32	32	48	46	48	44	33.3
FAIRFIELO RAOIO WFIW	MAX	22	25	37	43	47	41	56	52	52	60	47	37	35	49	65	64	55	51	55	54	50	52	53	55	45	47	60	57	49	53	51	49.0
	MIN	8	0	3	32	26	17	32	38	25	39	21	29	30	29	32	46	37	25	35	41	37	25	40	44	34	35	34	46	45	44	41	31.3
HARRISBURG	MAX	28	26	42	48	52	50	60	63	58	66	50	38	39	55	69	62	58	56	59	56	53	55	60	57	47	50	62	56	54	60	49	52.8
	MIN	10	7	9	36	29	20	32	39	28	33	23	31	32	30	28	49	35	26	36	45	39	27	41	45	35	35	32	47	46	47	42	32.7
MC LEANSBORO 2 ENE	MAX	30	18	24	39	49	35	45	60	44	54	64	39	36	36	53	66	57	56	53	56	57	48	55	58	57	40	48	60	53	49	58	48.3
	MIN	9	3	6	13	35	20	23	43	29	31	21	26	26	29	30	35	47	28	33	37	37	31	34	38	34	34	33	38	39	44	42	29.9
MT CARMEL	MAX	30	19	24	36	49	44	43	58	55	50	62	39	35	36	48	64	57	55	50	55	52	49	53	54	56	41	53	60	52	50	52	47.8
	MIN	9	9	8	14	34	21	22	37	28	29	23	25	29	30	30	36	48	27	27	34	38	28	31	41	34	34	35	35	44	43	43	29.9
MT VERNON 3 NE	MAX	30	22	39	46	47	46	60	47	52	60	40	34	35	51	66	54	41	54	57	53	50	56	56	56	41	48	50	60	51	52	54	48.6
	MIN	9	2	3	18	25	23	39	33	23	23	26	28	26	32	40	40	24	36	35	40	33	35	40	33	32	32	35	39	42	41	43	30.0
REND LAKE OAM	MAX	33	21	24	41	50	33	46	60	45	52	65	40	37	37	54	67	58	43	52	58	50	49	56	58	55	40	48	62	51	49	60	48.2
	MIN	10	4	10	19	31	19	23	42	28	28	21	20	30	27	30	42	42	27	32	39	36	33	37	41	34	33	35	40	44	44	41	30.4
ROSICLARE	MAX	26	26	40	49	52	49	60	60	55	68	50	40	40	53	67	57	56	53	56	56	52	57	59	54	47	51	57	62	60	56	49	52.2
	MIN	10	8	7	34	29	19	32	39	28	34	23	32	33	30	29	48	34	26	30	44	36	34	39	45	35	36	32	45	48	45	44	32.5

SEE REFERENCE NOTES FOLLOWING STATION INOEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	32	33	33	32	31	32	30	32	32	32	32	32	32	33	34	38	44	46	44	44	45	44	45	47	46	41	40	48	46	47	48	38.5
		MIN	31	30	30	29	30	29	29	30	30	30	30	30	30	31	31	32	32	38	35	33	38	40	37	35	41	38	39	36	42	42	41	33.8
	8	MAX	33	33	33	34	34	33	33	33	33	33	33	34	34	34	35	39	43	44	42	43	44	44	44	45	45	44	43	46	46	46	46	38.9
		MIN	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	35	41	40	42	42	43	42	42	44	43	42	42	46	46	46	37.6

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
DIXON 3 W	SNOWFALL					T			1.1					1.7	T																	
	SN ON GND	3	3	3	2	T	T	T	2	T	T			2	2	T																
FREEPORT WASTE WTR PLT	SNOWFALL					.5	T		1.5		T			1.5	.5										T							
	SN ON GND	3	2	2	1	1	1	1	2	1	T			2	2	1																
GALENA 1 N	SNOWFALL					2.0					T			2.5	.5									T	T					T	T	
	SN ON GND	2	2	1	1	3	2	2	1	T	T	T	T	3	3	T																
GALVA	SNOWFALL					.5			6.0					2.0												3.0						1.0
	SN ON GND	5	4	4	2	2	2	1	7	3	1	1	1	3	3	1	T	T								1	T					T
MOLINE WSO AP	SNOWFALL				.7	.1		1.2	2.2	T			.7	1.6				T					T		1.0		T				T	T
	SN ON GND	1	1	1	T	T	T	T	2	2	T	T	T	2	2	T																
	WTR EQUIV								.5					.2																		
MORRISON	SNOWFALL					T			1.0					1.0	T									T								
	SN ON GND	7	7	5	3	1	1		1					1	1																	
PAW PAW	SNOWFALL	T				T			3.0					-	.5																	T
	SN ON GND	2	2	2	1	T	T	T	3	1	T	T	T	1	1	T																T
ROCKFORD WSO AP	SNOWFALL	T			.6	.3	T	1.0	.8	T	T		T	1.7				.2						T	T			T			T	T
	SN ON GND	3	3	2	2	3	2	1	2	T	T	T	T	T	2	1	T															
	WTR EQUIV	.4	.4	.4	.3	.3	.3							.2	.2																	
WALNUT	SNOWFALL					-		1.4						1.0											.6							
	SN ON GND	3	2	1		1	1	2	1	1				1																		
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL	3.0				.5		.3	2.5	T	T			T	2.0				.5							.4						1.4
	SN ON GND	5	3	2	2	2	1	1	3	T	T	T	T	T	T																	1
AURORA	SNOWFALL	.5				.3			3.0					1.5	1.0																	
	SN ON GND	3	2	T	T	T			3	2				2	1																	
CHICAGO O'HARE WSO AP	SNOWFALL	1.6			.1	.4	T	.6	3.2	T			.2	2.9				T						T	T	T					1.8	.8
	SN ON GND	3	4	3	1	T	T	T	1	1	T	T	T	1	3	T								T								T
	WTR EQUIV	.3	.3	.2					.3					.1	.1																	
CHICAGO MIDWAY AP	SNOWFALL	1.0				T	T	.5	2.0	T			T	1.2				T								T						
	SN ON GND	10	8	6	4	3	T	1	3	2	T			1	T																	
	WTR EQUIV																															
DE KALB	SNOWFALL	T				.5	T	1.2	2.8					1.8				.5					T		T			T				T
	SN ON GND	3	3	2	T	T	T	2	2	1	T	T	T	2	T	T																
OTTAWA	SNOWFALL	T				.2		.5	4.0					2.0																		
	SN ON GND	5	4	2	T	T	T	1	3	1	T	T	T	2	T																	
PARK FOREST	SNOWFALL	1.3	.5			T			4.5					3.0	T																	
	SN ON GND	5	5	5	4	3	3	2	5	4	4	2	2	5	3	2																
WEST 03																																
CANTON 1 ESE	SNOWFALL	T						T	T	T			2.0	2.0																		
	SN ON GND	T						T	T	T			2	4	3																	
LA HARPE	SNOWFALL	1.5				1.0			1.0					4.0																		
	SN ON GND	1	1	T		1								4	T	T																
MONMOUTH	SNOWFALL					.5			3.5				.5	2.0																		
	SN ON GND	1	1						2					2																		
QUINCY FAA AP	SNOWFALL	.1			T	.2		T	T				3.0	1.0																		
	SN ON GND	6	6	6	4	1	1	T	T					4	3	T																
CENTRAL 04																																
DECATUR	SNOWFALL	3.5	T			T								1.5																		
	SN ON GND	4	4	3	2	1	T							2	1																	
FARMER CITY	SNOWFALL	-							1.0					1.0																		
	SN ON GND	1	1	1	T	T	T	T	1	T	T			1	T																	
LACON 2 E	SNOWFALL	T				.2		-	-					-																		
	SN ON GND	3	2	2	T	T			1					3	T																	
LINCOLN	SNOWFALL	1.5				T								2.0	T																	
	SN ON GND	1	1	1		T								2	1																	
NORMAL	SNOWFALL	.1				T								1.5																		
	SN ON GND	1	T	T	T									1	T																	
PEORIA WSO AP	SNOWFALL	T			T	.4			T				3.1	1.8				T									T					
	SN ON GND	T	T	T	T	T	T							4	4	1																
	WTR EQUIV													.5	.4																	
EAST 05																																
DANVILLE	SNOWFALL					T								1.5				T														
	SN ON GND	-	-	3	1	T	T							1																		
HOOPESTON 1 NE	SNOWFALL	T				T	T			T				1.2	T				T													
	SN ON GND	5	5	5	3	2	2	2	T	T				1	1																	
KANKAKEE WTR POLL CTR	SNOWFALL					T								5.0	T																	
	SN ON GND	4	4	3	2	1	1	1	1	1				5	4																	
PIPER CITY 3 SE	SNOWFALL					.3				T				1.8	.3			T	.4													
	SN ON GND	5	5	5	4	1	1	1	1	1	T	T	T	2	2	T																
PONTIAC	SNOWFALL	T				.3	T	T		T				1.0	T																	
	SN ON GND	2	2	2	1	1	T	T	T	T				1	1																	
URBANA	SNOWFALL	T											.3	.8				.1									T					
	SN ON GND	2	2	2	T	T	T							T	T																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL	5.5				T							2.5	1.5				T														
	SN ON GND	5	4	2	T								2	2	T																	
EDWARDSVILLE 1 NE	SNOWFALL	4.5	T			T								1.9	1.5			T														
	SN ON GND	5	4	3	2	T								2	2	T																
GRIGGSVILLE	SNOWFALL	7.0				T								6.0	T																	
	SN ON GND	7	7	4	2	T	T	T						6	5	2																
JACKSONVILLE 2 E	SNOWFALL	5.0				.3								6.0																		
	SN ON GND	5	5	4	2	1								5																		
PANA	SNOWFALL	6.0	T			T								2.9	1.1				T													
	SN ON GND	6	6	5	4	1	1	T	T					3	3	1																
SPRINGFIELD WSO AP	SNOWFALL	.8				.2			T				3.9	.6				T														
	SN ON GND	6	5	3	1	T	T	T						5	3	T																
	WTR EQUIV	.8	.7	.4										.5	.3																	
WHITE HALL 1 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL	3.5												2.0	1.0																	
	SN ON GND	3	3	2	1	T								2	2	T																
OLNEY 2 S	SNOWFALL	5.0											2.0	T																		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS WATERWORKS	SNOWFALL	5.5											.3	1.5																		
	SN ON GND	7	7	5	2	1	T						T	2																		
SALEM	SNOWFALL	2.5											.3	1.0																		
	SN ON GND	3	2	T									T	1																		
TUSCOLA	SNOWFALL												1.0																			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSOR	SNOWFALL	3.0				T							T	2.0				T														
	SN ON GND	3	3	3		T							T	2																		
* * * SOUTHWEST 08																																
ANNA 1 E	SNOWFALL	1.8											.3					T														
	SN ON GND	2	1	T																												
BELLEVILLE SO ILL UNIV	SNOWFALL	4.0											4.5																			
	SN ON GND	4	3	2									2	2																		
CAIRO WSO CI	SNOWFALL	.9											T																			
	SN ON GND	1	1	T									T																			
CARBONDALE SEWAGE PL	SNOWFALL	2.5	T			T							T	T	T				T													
	SN ON GND	3	2	1	T								T																			
NASHVILLE 4 NE	SNOWFALL	2.8	.3											.2	.3																	
	SN ON GND	3	3	2	T	T	T	T						T	T																	
SPARTA	SNOWFALL	3.0				.1							.7	.3				.2														
	SN ON GND	3	2	1									T																			
* * * SOUTHEAST 09																																
ALBION	SNOWFALL	3.8											T																			
	SN ON GND	-	3	T																												
BROOKPORT DAM 52	SNOWFALL	.5	.5																													
	SN ON GND	1	1																													
DIXON SPRINGS AGR C	SNOWFALL	2.0																														
	SN ON GND	2	1	T	T																											
GOLCONDA DAM 51	SNOWFALL	.3	.5																													
	SN ON GND	T	1	T																												
HARRISBURG	SNOWFALL	3.0											T	T				T														
	SN ON GND	3	3	T									T																			
MC LEANSBORO 2 ENE	SNOWFALL	3.0	1.0				T							.5	.1				T													
	SN ON GND	3	4	2	1									1																		
MT VERNON 3 NE	SNOWFALL	4.5											.5	T																		
	SN ON GND	5	4	1	T								1	T																		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			BLOOMINGTON WATERWORKS
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO C WTR FILT PLT	1523	02	COOK		41 54	87 36	640				C	CHICAGO WATER PUR DIV
CHICAGO MAYFAIR PUMP	1542	02	COOK		41 58	87 45	647				C	CHICAGO WATER PUR DIV
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO ROSELAND PUMP	1552	02	COOK		41 42	87 38	659				C	CHICAGO WATER PUR DIV
CHICAGO S WTR FILT PLT	1564	02	COOK		41 45	87 33	611				C	CHICAGO WATER PUR DIV
CHGO SPRINGFIELD PMPG	1567	02	COOK		41 55	87 43	600				C	CHICAGO WATER PUR DIV
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	10P	10P		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DORTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

ILLINOIS
MARCH 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD O BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
RENO LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			THEODORE W VOLDING
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

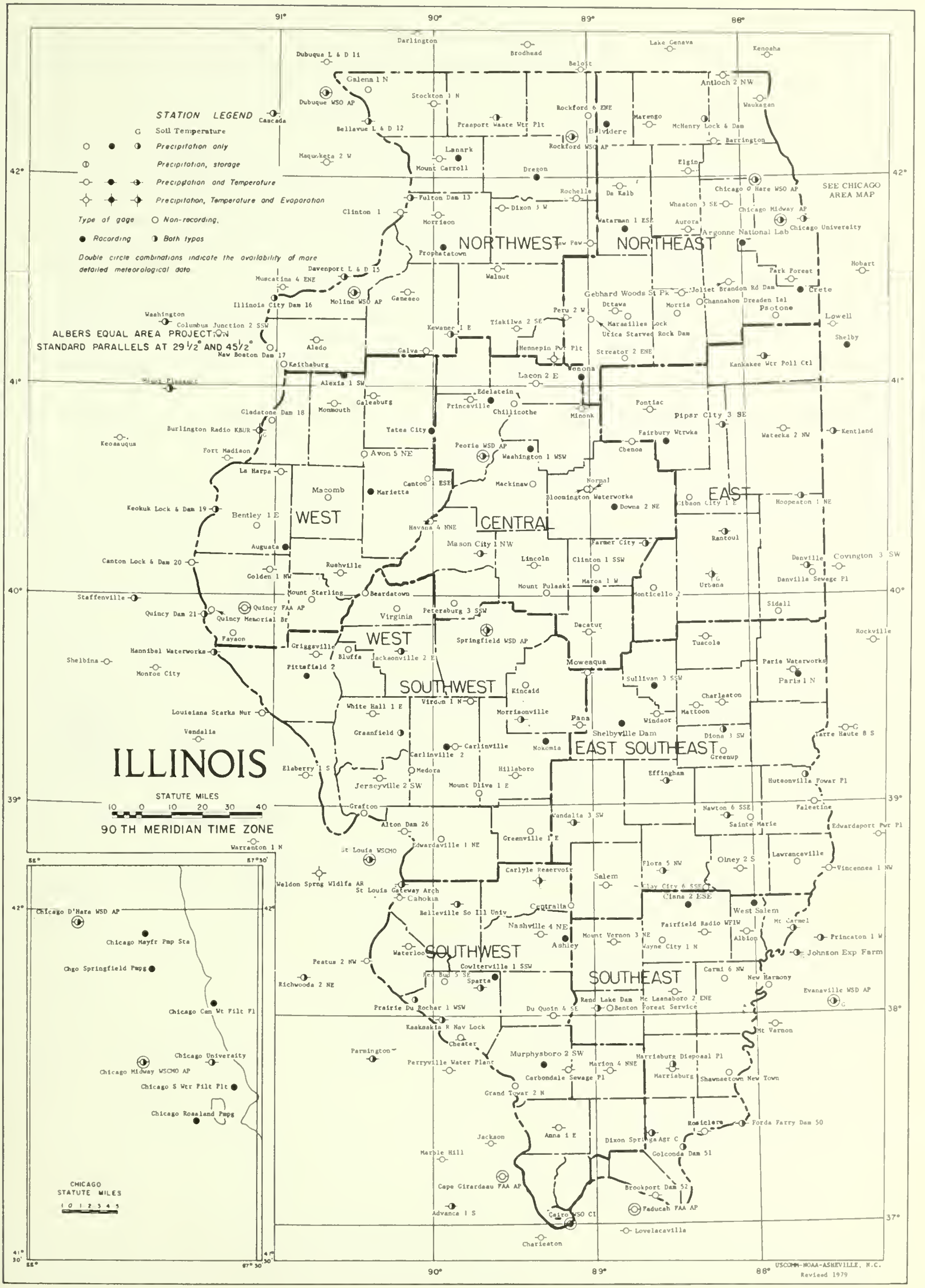
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Genava
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Stockton 1 N
Dubuque WSO AP
Rockford 6 ENE
Waukegan
Cascade
Belvidere
Marengo
McHenry Lock & Dam
Freeport Waste Wtr Plt
Bellevue L & D 12
Rockford WSO AP
Barrington
Lanark
Maquoketa 2 W
Elgin
Mount Carroll
Oregon
Chicago O Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Wheaton 3 SE
Dixon 3 W
Clinton 1
Chicago Midway AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Hobart
Davenport L & D 15
Park Forest
Walnut
Muscatine 4 ENE
Crete
Joliet Brandon Rd Dam
Gebhard Woods St Pk
Channahon Dresden Isl
Moline WSO AP
Geneseo
Ottawa
Morris
Illinois City Dam 16
Peotone
Peru 2 W
Washington
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Kewanee 1 E
Tiskilwa 2 SE
Utica Starved Rock Dam
Aledo
Shelby
Hennepin Pwr Plt
New Boston Dam 17
Streator 2 ENE
Galva
Keithsburg
Wenona
Kankakee Wtr Poll Ctl
Mount Pleasant
Lacon 2 E
Alexis 1 SW
Edelstein
Galesburg
Princeville
Pontiac
Monmouth
Chillicothe
Minonk
Gladstone Dam 18
Piper City 3 SE
Burlington Radio KBUR
Yates City
Kentland
Watseka 2 NW
Fairbury Wtrwks
Keosauqua
Peoria WSO AP
Fort Madison
Avon 5 NE
Washington 1 WSW
Chenoa
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Hoopeston 1 NE
Gibson City 1 E
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Mason City 1 NW
Farmer City
Augusta
Lincoln
Danville
Covington 3 SW
Canton Lock & Dam 20
Clinton 1 SSW
Rushville
Danville Sewage Pl
Golden 1 NW
Urbana
Mount Pulaski
Maroa 1 W
Mount Sterling
Monticello 2
Staffenville
Beardstown
Quincy FAA AP
Sidell
Petersburg 3 SSW
Virginia
Quincy Dam 21
Quincy Memorial Br
Decatur
Rockville
Fayson
Springfield WSO AP
Tuscola
Griggsville
Bluffs
Jacksonville 2 E
Hannibal Waterworks
Moweaqua
Paris Waterworks
Shelbina
Monroe City
Sullivan 3 SSW
Paris 1 N
Pittsfield 2
Kincaid
Charleston
Virden 1 N
Morrisonville
Mattoon
Windsor
Louisiana Starks Nur
White Hall 1 E
Pana
Shelbyville Dam
Diona 3 SW
Terre Haute 8 S
Vandalia
Greenfield
Carlinville
Nokomis
Greenup
Carlinville 2
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Alton Dam 26
Vandalia 3 SW
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Flora 5 NW
Vincennes 1 NW
Carlyle Reservoir
Salem
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
West Salem
Belleville So Ill Univ
Centralia
Fairfield Radio WFIW
Mt Carmel
Nashville 4 NE
Mount Vernon 3 NE
Albion
Princeton 1 W
Ashley
Wayne City 1 N
Johnson Exp Farm
Waterloo
Peatus 2 NW
Cowlterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
New Harmony
Richwoods 2 NE
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Harrisburg
Carbondale Sewage Pl
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Forda Ferry Dam 50
Anna 1 E
Jackson
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
88°
87°30'
42°
41°
30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
0 1 2 3 4 5
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S. MAIL ®

THIRD CLASS
BULK RATE

APRIL 1980 VOLUME 85 NUMBER 4

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	MONMOUTH	93	DATE 22
LOWEST TEMPERATURE:	MOUNT CARROLL	20	DATE 13
GREATEST TOTAL PRECIPITATION:	WALNUT	4.59	
LEAST TOTAL PRECIPITATION:	MOUNT PULASKI	1.16	
GREATEST 1 DAY PRECIPITATION:	PERU 2 W	2.00	DATE 08
GREATEST TOTAL SNOWFALL:	2 STATIONS	10.0	
GREATEST DEPTH OF SNOW OR ICE:	GALVA	8	DATE 15

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	34	NE	13	-	-	-	-	0	5	4	2	0	0	11	56	-
CHICAGO O HARE WSO AP	32	2.7	12.4	32++	3	14	78	83	59	61	2	5	8	3	0	0	18	-	7.6
MOLINE WSO AP	31	2.7	12.2	32	SW	22	72	77	53	52	4	4	4	2	0	0	14	47	6.7
PEORIA WSO AP	32	2.4	10.6	29	W	08+	74	78	58	57	3	5	4	3	0	0	15	45	7.2
ROCKFORD WSO AP	34	2.7	12.4	29++	25	22+	74	80	58	60	5	3	7	1	0	0	16	-	7.6
SPRINGFIELD WSO AP	29	2.4	12.4	35++	27	03	81	88	63	62	5	5	4	2	0	0	16	49	6.7

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEDO	62.1	38.1	50.1	- 1.5	90	22	27	15+	456	15	1	0	12	0	1.95	- 1.97	.47	8	7.0	4	14	6	0	0
DIXON 3 W	57.3	36.2	46.8	- 3.7	90	23	26	17+	548	6	1	0	13	0	3.20	- .24	.84	8	3.7	3	15	9	2	0
FREEPORT WASTE WTR PLT	58.1	38.2	48.2		92	23	28	1	507	9	1	0	6	0	2.92		.79	8	3.3	3	15	8	1	0
FULTON DAM 13	58.2	39.3	48.8	- 1.3	91	23	32	17+	495	14	1	0	4	0	3.20	- .19	.83	8	2.5	T	15+	7	2	0
GALVA	58.0	38.3	48.2	- 3.2	90	23	28	15	509	12	1	1	11	0	3.23	- .68	1.07	8	10.0	8	15	7	2	1
GENESEO	59.6	39.6	49.6		91	22	30	16+	468	14	1	0	9	0	2.95	- .79	.85	8	8.4	5	14	5	3	0
HENNEPIN POWER PLANT	58.6	38.3	48.5		92	23	26	13	503	13	1	0	12	0	3.70		1.32	14		T	15	8	2	1
KEWANEE 1 E	57.5	38.6	48.1	- 3.3	90	23	28	16	513	13	1	0	10	0	3.03	- .98	1.04	8	7.6	6	15	6	3	1
MOLINE WSO AP R	60.1	38.0	49.1	- 1.5	92	22	27	16	481	11	1	0	11	0	2.34	- 1.48	.55	11	9.5	4	15	6	2	0
MORRISON	58.3	36.4	47.4	- 3.4	91	23	27	16	532	9	1	0	14	0	3.03	- .71	.75	8	2.5	2	15	7	3	0
MOUNT CARROLL	58.5	33.8M	46.2M	- 3.4	91	23	20	13	566	6	1	0	14	0	3.13	- .33	.93	8	8.5	4	15	8	1	0
PAW PAW	56.0	35.4	45.7		88	23	23	10	575	3	0	0	16	0	3.48	- .43	.80	12	7.5	7	15	10	3	0
ROCHELLE	56.3	36.2M	46.3M		89	23	28	15+	573	1	0	0	13	0	3.02		.80	8	4.8	3	15	8	2	0
ROCKFORD WSO AP //R	57.4	35.4	46.4	- 1.8	91	22	23	16+	556	6	1	0	15	0	2.75	- 1.10	.72	8	5.4	3	15	8	1	0
STOCKTON 1 N	57.1	35.1	46.1		91	23	22	16	567	8	1	0	14	0	2.86		1.02	8	4.0			9	1	1
TISKILWA 2 SE	60.6	38.7M	49.7M		90	22	28	11	476	17	1	0	9	0	3.23	- .83	1.03	8	6.4	3	14	7	2	1
WALNUT	60.3	38.2	49.3	- 1.6	90	22	26	11	478	12	1	0	11	0	4.59	.50	.93	8	7.0	5	14	11	4	0
DIVISION			47.9	- 2.3											3.09	- .62			6.1					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	54.9	34.7	44.8	- 2.9	90	23	25	16	601	2	1	0	15	0	3.66	.30	.56	15	8.3	2	15	10	3	0
AURORA	M	37.5	M		90	22	27	16+			1	0	8	0	3.26	- .18	1.05	8				10	2	1
BARRINGTON	54.3	36.9	45.6		89	23	25	16	580	5	0	0	12	0	3.66		.60	12					3	0
CHICAGO O'HARE WSO AP R	56.4	36.6	46.5	- 2.3	91	22	24	16+	558	10	1	0	12	0	3.41	.03	.64	14	4.2	1	14	11	3	0
CHICAGO UNIVERSITY //	56.2	40.4	48.3	- .6	89	23	31	24	503	9	0	0	2	0	2.78	- .98	.44	12	.3	T	14	11	0	0
CHICAGO MIDWAY AP //R																								
DE KALB	59.1	37.1	48.1	- .5	91	23+	28	16	512	13	2	0	14	0	3.85	.43	.83	8	6.0	2	14	12	2	0
ELGIN	54.3	36.2	45.3		89	23	28	16	587	3	0	0	14	0			.66	8					3	0
GEBHARD WOODS ST PARK	58.2M	39.1M	48.7M		91	23	29	16	492	9	1	0	4	0	2.06		.40	15	.5	1	14	9	0	0
JOLIET BRANDON RD DAM	56.7	36.1	46.4	- 4.1	90	23	27	16	553	4	1	0	14	0	2.40	- 1.38	.44	8				10	0	0
MARENGO	55.8	34.7	45.3	- 2.8	91	23	22	1	591	5	1	0	18	0	2.98	- .44	.72	8	4.5	4	15	11	1	0
OTTAWA	61.3	40.3	50.8	- 1.1	92	22	29	13	436	15	1	0	4	0	3.04	- 1.22	.64	8	1.5	T	14	9	2	0
PARK FOREST	54.4	37.5	46.0		89	23	28	16	566	3	0	0	12	0	2.83	- 1.40	.82	8	2.5	0		9	1	0
PERU 2 W	60.8	39.6	50.2	- 1.2	91	22	24	13	451	15	2	0	7	0	3.07	- .86	2.00	8	1.0	0		5	2	1
WAUKEGAN	52.6	34.3	43.5	- 3.5	90	23	25	17+	642	1	1	0	16	0	0 3.53	.04	.76	4	2.3	0		10	3	0
WHEATON 3 SE	59.6	35.9	47.8		90	22	24	16+	519	9	1	0	11	0	2.92	- .73	.53	12	3.0	0		9	1	0
DIVISION			47.0	- 2.4											3.10	- .61			3.1					
* * *																								
WEST 03																								
GALESBURG	58.9	37.6	48.3		89	22	27	15	502	6	0	0	10	0	2.74	- 1.18	.82	8	10.0	7	15	6	2	0
GOLDEN 1 NW	63.9	40.2	52.1		89	22	29	15+	399	19	0	0	8	0	2.00	- 1.93	1.07	8	7.0	0		4	1	1
LA HARPE	62.5	39.7	51.1	- 1.5	90	22	29	14+	428	18	1	0	7	0	2.46	- 1.50	1.04	8	5.0	5	15	7	1	1
MONMOUTH	61.9	39.9	50.9	- .9	93	22	29	13	434	21	1	0	9	0	2.54	- 1.25	.90	8	7.0	4	14	6	1	0
QUINCY FAA AP	61.8	44.1	53.0		87	22	33	15+	374	18	0	0	0	0	1.62	- 2.26	.79	7	4.4	2	15	5	1	0
QUINCY DAM 21 //	61.5	39.9	50.7		86	22	29	15	437	14	0	0	4	0	2.03	- 1.63	.89	8	4.0	0		5	1	0
RUSHVILLE	62.6	40.2	51.4	- 2.0	87	22	29	15+	416	16	0	0	7	0	3.04	- 1.36	1.62	8	6.5	4	14	7	1	1
DIVISION			51.1	- 1.8											2.35	- 1.68			6.3					
* * *																								
CENTRAL 04																								
CHENOA	59.7	38.3	49.0		89	22	28	14	485	10	0	0	9	0	1.50		.62	8	2.0	T	14	4	1	0
DECATUR	64.2	38.8	51.5	- 2.4	89	22	27	16	409	13	0	0	7	0	2.34	- 1.97	.70	8	2.5	3	15	8	2	0
FARMER CITY	61.3	37.6	49.5		90	22	31	15+	465	7	1	0	6	0	1.67		.68	14	2.3	2	14	4	2	0
HAVANA 4 NNE	60.3	38.5	49.4		89	23	29	16	470	10	0	0	8	0	2.83	- 1.17	1.07	8	7.5	5	14	6	2	1
LACON 2 E	62.2	38.3	50.3		91	22	28	16+	456	17	1	0	12	0	3.48		1.25	8	2.5	3	14	10	1	1
LINCOLN	63.2	39.8	51.5	- 1.8	88	22	29	16	413	14	0	0	8	0	2.09	- 2.20	.71	8	6.0	5	14	5	2	0
MASON CITY 1 NW	62.0	39.9	51.0		88	22	31	14+	424	11	0	0	9	0	2.88		1.85	8	6.0	2	14	6	1	1
MINONK																								
NORMAL	61.0	39.0	50.0	- 2.9	89	23+	27	16+	457	17	0	0	8	0	2.53	- 1.75	1.10	8	2.5	1	14	6	1	1
PEORIA WSO AP //R	59.1	39.2	49.2	- 2.1	88	22	30	16+	474	6	0	0	7	0	2.78	- 1.58	.78	7	6.3	4	15	7	3	0
PRINCEVILLE	62.0	37.9	50.0		91	22	28	12	456	13	1	0	13	0	3.30	- .53	1.18	8	4.0	0		8	3	1
DIVISION			50.1	- 2.5											2.54	- 1.70			4.2					
* * *																								
EAST 05																								
DANVILLE	62.2	37.8	50.0	- 2.9	89	22	28	5	449	8	0	0	7	0	2.18	- 1.76	.66	14	.5	0		7	1	0
HOOPESTON 1 NE	59.4	38.8	49.1	- 2.8	88	22	30	25	476	7	0	0	6	0	1.67	- 2.41	.57	9	1.5	T	15+	6	1	0
KANKAKEE WTR POLL CTR	56.4	37.7	47.1		89	23	29	16+	535	5	0	0	8	0	2.15		.50	15	2.0	2	14	7	1	0
PIPER CITY 3 SE	60.3	38.1	49.2	- 2.0	91	22	30	26+	477	11	1	0	10	0	1.48	- 2.74	.41	14	5.2	4	14	5	0	0
PONTIAC	59.9	39.4	49.7	- 2.4	89	22	29	13	468	15	0	0	7	0	2.21	- 1.95	.72	8	2.5	1	14	6	1	0
RANTOUL	57.5	38.5	48.0		88	23	32	16+	511	6	0	0	6	0	2.05	- 1.86	.65	9		1	14	8	1	0
URBANA	59.6	40.2	49.9	- 2.5	89	22	31	15+	454	9	0	0	3	0	2.39	- 1.67	.72	9				7	2	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	55.9	36.1	46.0		87	23	25	19	567	5	0	0	11	0	2.67	- 1.88	.82	9	1.0	1	14	7	1	0
DIVISION			48.6	- 3.2											2.10	- 2.03			2.1					
* * *																								
WEST SOUTHWEST 06																								
ALTON DAM 26	62.8	43.6	53.2		85	23	31	14	359	13	0	0	2	0	1.95		.80	14	5.0	5	14	4	2	0
CARLINVILLE	64.8	40.6	52.7	- 2.1	89	22	28	16	377	15	0	0	6	0	1.96	- 2.20	.86	14	5.6	5	14	5	1	0
GRIGGSVILLE	62.5	42.3	52.4	- 2.0	86	22	30	14	390	19	0	0	3	0	2.10	- 1.77	1.15	8	6.0	4	15+	7	1	1
HILLSBORO	65.5	42.2	53.9	- 1.2	89	22	31	15	345	19	0	0	4	0	1.35	- 2.77	.80	14	.1	T	15+	3	1	0
JACKSONVILLE 2 E	61.0	38.7	49.9	- 4.6	86	23	30	14	456	10	0	0	7	0	2.25	- 1.78	1.01	8	3.5	3	15	7	1	1
JERSEYVILLE 2 SW	62.8	39.6	51.2		86	23	28	5	415	9	0	0	6	0	1.80		.94	8	4.0	4	15	6	1	0
MORRISONVILLE	61.2	38.8	50.0		88	23	30	5	448	8	0	0	6	0	1.96		.65	14	5.0	5	14	6	1	0
PANA	62.0	41.3	51.7	- 2.8	87	22	31	15+	398	8	0	0	3	0	2.59	- 1.32	.66	14	8.0	3	15	8	1	0
SPRINGFIELD WSO AP R	61.2	40.9	51.1	- 2.0	88	22	31	16	421	10	0	0	2	0	2.22	- 1.92	.70	7	7.3	4	15	6	2	0
VIRDEN 1 N	63.8	41.7	52.8		87	22	31	16+	375	13	0	0	5	0	1.69	- 2.29	.46	8	6.0	4	15+	6	0	0
WHITE HALL 1 E	64.3	41.3	52.8	- 2.3	86	22+	30	14	375	17	0	0	5	0	1.97	- 1.77	1.18	8	5.0	5	14	4	1	1
DIVISION			52.0	- 2.7											1.99	- 1.99			5.0					
* * *																								
EAST SOUTHEAST 07																								
CHARLESTON	62.4	41.1	51.8	- 2.5	86	22	30	25+	407	16	0	0	5	0	2.00	- 1.79			.0	0				0
EFFINGHAM 3 W	60.1	39.8	50.0	- 4.3	85	23	29	16+	450	8	0	0	6	0	1.97	- 1.85	.44	14	1.0	T	15	7	0	0
FLORA 5 NW	63.8	40.1	52.0	- 4.1	88	22	29	25+	392	9	0	0	5	0	2.98	- 1.21	.72	14+		0		8	3	0
MATTOON	60.9	39.3	50.1		88	22	30	24+	448	9	0	0	7	0	2.00		.50	7	T	0		7	1	0
MOWEAQUA	63.1	40.1	51.6		88	22	31	16	402	8	0	0	4	0	2.29		1.19	14		3	14	6	1	1
NEWTON 6 SSE	60.4	40.9	50.7		86	23	31	25+	432	9	0	0	5	0	2.02	- 1.95	.58	14	T	T	15	8	1	0
OLNEY 2 S	63.7	41.0	52.4	- 3.8	87	22	29	5	377	6	0	0	5	0	2.81	- 1.39	.93	8		0		9	2	0
PALESTINE	62.8	41.9	52.4	- 3.3	87	22	32	25	380	10	0	0	1	0	2.66	- 1.46	.88	14	T	0		7	2	0
PARIS WATERWORKS	61.5	38.5	50.0	- 3.8	87	22	29	25	447	6	0	0	7	0	2.90	- .84	1.16	8	1.0	0		6	2	1
SALEM	64.8	42.1	53.5		88	22	30	1	349	11	0	0	4	0	1.74		.77	14	.0	0		6	1	0
TUSCOLA	63.3	39.8	51.6		89	22	31	15+	409	16	0	0	4	0	2.04	- 1.93	.53	14	3.0	0		8	2	0
VANDALIA 3 SW																								
WINDSOR	62.8	41.2	52.0	- 1.8	85	22	32	14+	391	9	0	0	2	0	3.14	- .89	.99	7	2.5	T	14	6	3	0
DIVISION			51.5	- 3.2											2.38	- 1.62			.8					
* * *																								
SOUTHWEST 08																								
ANNA 1 E	67.2M	44.1M	55.7M	- 2.1	89	22	32	14	298	23	0	0	1	0	3.18	- 1.52	.87	12	.5	0		6	3	0
BELLEVILLE SO ILL UNIV	66.1	40.7	53.4		88	22	31	14+	349	9	0	0	6	0	1.97		.93	8	3.8	1	14	5	1	0
CAHOKIA																								
CAIRO WSO CI R	67.2	49.8	58.5	- 1.8	90	23	37	14	217	29	1	0	0	0	2.56	- 1.81	.81	11	.0	0		6	2	0
CARBONDALE SEWAGE PL	66.1	41.6	53.9	- 4.0	90	23	29	16	337	11	1	0	4	0	2.21	- 2.00	.71	14	T	T	14	5	1	0
CARLYLE RESERVOIR	62.4	43.0	52.7	- 3.2	80	23+	32	15+	371	10	0	0	2	0	1.90	- 2.01	.48	14	T	0		9	0	0
DU QUOIN 4 SE	64.6	42.3	53.5	- 4.0	91	23	32	16+	354	16	1	0	3	0	1.66	- 2.50	.37	8	.5	1	14	7	0	0
KASKASKIA R NAV LOCK	64.6	42.0	53.3		90	23	31	15	357	13	1	0	2	0	1.44		.46	14	1.0	0		5	0	0
MARION 4 NNE	65.0	41.9	53.5		88	24+	32	16+	353	13	0	0	2	0	2.30	- 1.85	.75	14	.0	0		7	1	0
NASHVILLE 4 NE	64.3	43.5	53.9		87	22	32	15+	342	16	0	0	2	0	1.46	- 2.69	.47	14	1.0	T	14	5	0	0
SPARTA	66.0	43.5	54.8	- 3.0	90	22	31	14	318	21	1	0	2	0	1.45	- 2.66	.73	14	3.0	1	14	4	1	0
WATERLOO	64.7	43.6	54.2		90	23	32	15+	338	20	1	0	2	0	2.07	- 1.59	.80	14	3.5	3	14	5	2	0
DIVISION			54.3	- 3.3											2.02	- 2.17			1.2					
* * *																								
SOUTHEAST 09																								
ALBION	67.1M	44.8M	56.0M		87	22	34	25+	304	26	0	0	0	0	2.66	- 1.69	.72	14	.0	0		7	2	0
BROOKPORT DAM 52	66.9	43.8	55.4		85	23	31	16	291	8	0	0	1	0	3.72	- .63	1.61	12	.0	0		5	3	1
DIXON SPRINGS AGR C	67.6	44.8	56.2		85	23+	31	16	273	16	0	0	2	0	3.12		.88	14	T	0		8	3	0
FAIRFIELD RADIO WFIW	64.4	42.3	53.4	- 3.3	87	22	30	16	358	15	0	0	4	0	3.11	- 1.08	.89	14	T	0		8	2	0
HARRISBURG	67.2	43.5	55.4	- 3.2	90	22	32	16	295	16	1	0	1	0	2.69	- 1.59	.75	14	T	0		8	2	0
MC LEANSBORO 2 ENE	63.5	43.2	53.4	- 4.4	88	24	31	1	359	16	0	0	1	0	2.61	- 1.55	.69	14	.0	0		7	1	0
MT CARMEL	62.5	41.2	51.9		87	23	32	16+	394	6	0	0	2	0	2.02		.68	14	.0	0		5	2	0
MT VERNON 3 NE	64.1	41.4	52.8	- 3.9	87	23	27	15	372	13	0	0	5	0	2.40	- 1.97	.65	14	.0	0		9	1	0
RENO LAKE DAM	64.4M	43.8	54.1M		89	23	32	1	334	18	0	0	1	0	1.76		.56	14	.0	0		6	1	0
ROSICLARE	66.6	41.9	54.3		87	23+	31	16+	326	11	0	0	4	0	3.41	- .95	.82	14	.0	0		9	3	0
DIVISION			54.3	- 3.3											2.75	- 1.56			T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	1.95			.40	.05			T	.47	.24		.36	.08		.14	.14														.07		
DIXON 3 W	3.20		.39	.35	.16			.20	.84	.04	.02		.63		.23	.22														.12	T	
FREEPORT WASTE WTR PLT	2.92		.31	.31	.38	T	T	.10	.79	.16	T		.37		.02	.33														.09	.06	
FULTON DAM 13	3.20		.45	.40	.05			.01	.83	.24	.06	T	.74		.01	.25														.04	.12	
GALENA 1 N	2.60		.24	.52	.22			.26	.22	.32	.12	T	.15		T	.42										T				.05	.08	
GALVA	3.23		T	.30	.03			.04	1.07	.12	.18	.06	.46		.35	.51														.04	.07	
GENESEO	2.95	.02		.39	T		T	.08	.85	.06		.68			.71	.04		T												.11	.01	
HENNEPIN POWER PLANT	3.70		.02	.11				.42	.35	.10	T	T	.72		1.32	.42														.21	.03	
ILLINOIS CITY DAM 16 //	1.78		.02	.40	T			T	T	.08	.12		.73		.06	.31		T													.06	
KEITHSBURG	-		-	-	.01			.10	.20	.13	.07	.02	.42		.20	.14	T														.02	
KEWANEE 1 E	3.03		.01	.25	.01			.08	1.04	.20	.02	.05	.51	T	.60	.14	T													.08	.04	
MOLINE WSO AP R	2.34	.05		.45	.01		.01	T	.54	.12		.55			.38	.08		T											T	.15	T	
MORRISON	3.03		.38	.32	.12			T	.75	.13	.05		.59		.07	.50														.07	.05	
MOUNT CARROLL	3.13		.37	.38	.10		T	.02	.93	.20	T		.49		.15	.35														.07	.07	
NEW BOSTON DAM 17	1.68		.02	.39	.02			.02	T	.10	.10		.57		.08	.35		T													.03	
PAW PAW	3.48		.10	.12	.17			.47	.75	.03	.05		.80		.14	.59														.16	.10	
ROCHELLE	3.02		.31	.20	.05			.38	.80	.09			.50		.13	.38													T	.18	T	
ROCKFORD 6 ENE	2.74		.30	.29	.15			.23	.78	.21			.48			.15													T	.15	T	
ROCKFORD WSO AP //R	2.75	.24	.02	.36	T		.07	.24	.72	.14		.46			.33	.03									T			T	T	.14	T	
STOCKTON 1 N	2.86		.19	.44	.19	T		.10	1.02	.20	.03		.30		.01	.23														.10	.05	
TISKILWA 2 SE	3.23		.02	.26	.01		T	.35	1.03	.13	T	.69	.04		.44	.03														.21	.02	
WALNUT	4.59		.40	.47			T	.19	.93	.16	.50	.51	.16		.43	.60														.24		
* * * NORTHEAST 02																																
ANTIOCH 2 NW	3.66		.16	T	.53			.48	.55	.16	.20		.43		T	.56									.02	.01			.19	.34	.03	
AURORA	3.26		.10	T	.33			.28	1.05	.12	.15		.60		.18	.08												T	.18	.15	.04	
BARRINGTON	3.66		.13	.09	.55			.42	.58	.22	.14		.60		*	.40										T			.27	.25	.01	
CHANNAHON DRESDEN ISL	2.81		.11	.02	.11			.20	.71	.15	.08		.33		.23	.35													.35	.17		
CHICAGO O'HARE WSO AP R	3.41	.05	.10	.31	.02		.03	.11	.56	.12	.01	.61	.01		.64	.21									T			.21	.17	.25	T	
CHICAGO UNIVERSITY //	2.78		.26	.11	.11			.12	.39	.13	.03	.01	.44		.41	.22	T								.03			.07	.30	.15	T	
CHICAGO MIDWAY AP //R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DE KALB	3.85		.30	.28	.10			.51	.83	.25	.07	.30	.24		.33	.27												.01	.10	.26	T	
ELGIN	-		.14	.05				.62	.66		.16		.62		-	-									-				.17	.22	.03	
GEBHARD WOODS ST PARK	2.06			.11	.20	T		.23		.13			.36		.15	.40													.25	.18	.05	
JOLIET BRANDON RD DAM	2.40		.11	T	.28	T		.15	.44	.12	.08		.34		.28	.28													.21	.10	.01	
MARENGO	2.98		.19	.21	.13			.22	.72	.16	.13	T	.42		.04	.39									T			T	.12	.24	.01	
MARSEILLES LOCK	3.04		.08	.15	.01	T		.31	.92	.15	.04		.41		.28	.43													.05	.16	.05	
MC HENRY LOCK AND DAM	3.61		.28	.14	.28	T		.41	.42	.31	.10	T	.41	T	.19	.52	T								T			T	.18	.36	.01	
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTTAWA	3.04		.08	.21				.45	.64	.19		.31	.17		.57	.17												.03	.06	.16		
PARK FOREST	2.83		.18	.04	.12			.06	.82	.32	.06		.29		.18	.29													.20	.27		
PEOTONE	2.20	T		.05	.15	T		.02	.54	.26	.05		.16		.31	.37													.18	.11		
PERU 2 W	3.07		.12	.15					2.00	.10	T	.05		T	.60														T	.05		
STREATOR 2 ENE	2.87		.01	.18				.23	.83	.13	.02	.35	.02		.70	.04												.07	.07	.19	.03	
UTICA STARVED ROCK DAM	3.57		.13	.16	.28			.48	.84	.13	.01	T	.60		.33	.37													.01	.18	.05	
WAUKEGAN	0 3.53		.23	T	.76			.26	.57	.21	.27	T	.54		0	.23	T								T	.03			.22	.19	.02	
WHEATON 3 SE	2.92		.16		.31				.49	.04	.30		.53		.26	.27	.01												.29	.26		
* * * WEST 03																																
AVON 5 NE	2.21			.25			.15		.98		.15	T			.20	.40			T												.08	
BENTLEY 1 E	2.25			.32	T		T	T	1.00	.16	.03	.10	.02	T	.62	T		T												T	T	
CANTON 1 ESE	2.88						T	.33	1.90	T		.02	T		.48	T														.15		
GALESBURG	2.74	T	T	.29	T			.02	.82	.09	.19	.05	.30		.40	.52														T	.06	
GLADSTONE DAM 18	1.52			.42				.02	42	.09	.09	.05	*	*	*	.43															T	
GOLDEN 1 NW	2.00			.24				.07	1.07	.30					.32																	
LA HARPE	2.46			.39				T	1.04	.23	.18	T	.10		.30	.22																
MACOMB	2.15			.25				.03	.89	.10	.17	T	.07		.35	.29															T	
MONMOUTH	2.54			.35					.90	.26		.35	.04		.41	.17														.05	.01	
MOUNT STERLING	-			-				.04	1.25	.33					.53																	
PAYSON	2.05			.20			T	.10	.88	.30	.15		T		.31	.10		T	.01												T	
QUINCY FAA AP	1.62			.24			.08	.79	.17	.18	T	.03			.10	T		.03											T	T		
QUINCY DAM 21 //	2.03			.22				.06	.89	.09	.30		T		.23	.06		.06	.12													
QUINCY MEMORIAL BRIDGE	1.98			.22					.94	.12	.19	.01			.29	.14		.05	.02													
RUSHVILLE	3.04			.17			T	.23	1.62	.23	.31	.02			.33	.10														.03		
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	2.18			.09	.02			.04	1.04	.24	.05		.02		.14	.33			.02									T		.19	T	
CHENOA	1.50	T			T			T	.62	.08	.01	.05	T		.30	.10												.09	.08	.17	T	
CHILLICOTHE	2.67			.20				.46	.91	.09	.05	.01	.27		.22	.30														.10	.06	
CLINTON 1 SSW	2.21		T	.05	.03	.01		.01	.45	.20	.15		T		.57	.48			T									.04	.08	.14	T	
DECATUR	2.34							.12	.70	.11	.24		T		.54	.29													.20	.03	.11	
FARMER CITY	1.67			.11				.04		.50				.05	.68				.04										.08	.12	.05	
HAVANA 4 NNE	2.83		T	.17	T	T		.26	1.07	.08	.09	.03	.03	T	.7[illegible]	.22			T		T								T	T	.13	
LACON 2 E	3.48	T		.23	T		.19	.46	1.25	.13	.01	.27	.10	T	.45	.13	T												T	.24	.02	
LINCOLN	2.09			.07	.01				.71	.14	.06		.02		.50	.40			T										.03	.03	.12	
MACKINAW	3.83		T	.12	.01			.15	1.97	.18		T	.11		.88	.16			T									.02	.03	.20		
MASON CITY 1 NW	2.88			.04				.11	1.85	.22	T	T			.39	.14													T	.13		
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT PULASKI	1.16				.04					.40	.18				.14	.15													.25		T	
NORMAL	2.53		.01	.11	.01			.03	1.10	.26	.06	.01			.45	.18			T									.01	.03	.25	.02	
PEORIA WSO AP //R	2.78	.01		.16	.01		.28	.78	.56	.19		.07		T	.53	.06		T										T	.01	.12		
PETERSBURG 3 SSW	2.14			.14	.01			.04	.77	.24	.20				.41	.18														T	.15	
PRINCEVILLE	3.30				.21		T	.57	1.18	.15	.32			.12	.57	.06													T	.12		
* * * EAST 05																																
DANVILLE	2.18			.25				.15	.32	.13	.02	T			.66	.25												.09	.31			
DANVILLE SEWAGE PLANT	2.41				.09			.26	43	.24	.13		.01		.56	.36	.06		T										.07	.20		
GIBSON CITY 1 E	1.56			.03	.13			T	.22	.19	.01		T		.27	.29			T										.16	.20	.06	
HOOPESTON 1 NE	1.67			T	.22	T		.02	.21	.57	.03		T		.15	.19	T		T										.09	.19	T	
KANKAKEE WTR POLL CTR	2.15	T	T	T	.18			.08	.21	.22	.07		.09		.38	.50													.23	.19		
MONTICELLO 2	1.86			.08	.08			.08	.24	.11	.23				.30	.40													.09	.12	.13	
PIPER CITY 3 SE	1.48			.01	.07	T		.02	.09	.24	.05		T		.41	.21													.20	.16	.02	
PONTIAC	2.21		T	.07	T			.05	.72	.13	.05	T	.06		.36	.44													.12	.18	.03	
RANTOUL	2.05			.20	.10			.04	.12	.65	.02				.20	.31			.02										.19	.18	.02	
SIDELL	2.10			T	.11			.37	.20	.34	.11				.37	.21													.15	.22	.02	
URBANA	2.39			.03	.22	T		.04	.13	.72	.06		T		.57	.28	T		T										.12	.14	.08	
WATSEKA 2 NW	2.67	T	.02	T	.25			T	.32	.82	.05		.02		40	.33													.22	.22	.02	
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	1.95			.07				.11	.71	.03	.07		T		.80	.16																
BEARDSTOWN	2.40			.15				.18	1.31	.13	.14				.29	.20															T	
BLUFFS	-			.12					-	.39					.52															.02		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
APRIL 1980

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	1.96			.18				.20	.36	.23		.02			.86	.06														05		
EDWARDSVILLE 1 NE	1.88			.08	.05			.12	.44		.13				.82	.24																
GRAFTON	2.35			.11	.07			.11	1.02	T	.19		T		.57	.20			.08										T	T		
GREENFIELD	2.79			.10	.01			.10	1.56	.18	.21	.02			.36	23														.02	T	
GREENVILLE 1 E	1 48			.05	.07			.15	.32	.05	.15		.02		.28	.18													.08	.04	.09	
GRIGGSVILLE	2.10			.15				.11	1.15	.17	.11				.22	.19															T	
HILLSBORO	1.35			.13				.04	.06	T	.19	T			.80	.01													.08	.03	.01	
JACKSONVILLE 2 E	2.25			.15				.14	1.01	.25	.24		T		.26	.18														T	.02	
JERSEYVILLE 2 SW	1.80			.10				.14	.94	.04	.10	T	T		.37	.10			.01										T			
KINCAID	1 49			.05	T			.05	.34	T	.32				.58	.07													.05	.03	T	
MEDORA	2.13			.14	.01			.17	.87	.26		.05			.62														T	.01	T	
MORRISONVILLE	1.96			.05	.10			.22	.33	.06	.16		T		.65	.19													.08	.06	.06	
MOUNT OLIVE 1 E	1 64								.40	.05	.29				.48	.27													.05	.10	T	
PANA	2.59			.14	.03			.37	.47	.06	.18		T		.66	.32			.01										.13	.05	.17	
SPRINGFIELD WSO AP R	2.22			.26	.02		T	.70	.24	.24	T	.02	T	.01	.50	.08		T										T	.03	.12		
VIRDEN 1 N	1.69							.18	.46	.05	.20				.40	.22													.04	T	.14	
VIRGINIA	1.77			.14				.06	.72	.13	.28	T			.23	.20														T	01	
WHITE HALL 1 E	1.97	T		.15				.07	1.18	.20	T				.32	.05		T												T		
* * *																																
EAST SOUTHEAST 07																																
CHARLESTON	2.00			.30	T			.35	.26	.14	.07					.60													.08	.13	.07	
CLAY CITY 6 SSE	2.77			.17	.27			.06	.23	.45			.28		.63	.16											.16		.05	.13	.18	
DIONA 3 SW	2.10			.37				.24	.48	.23					.46	.07												09	.10	.06		
EFFINGHAM 3 W	1.97			.08	.10	T	T	.27	.26	.05	.25		T		.44	.22													.08	.07	.15	
FLORA 5 NW	2.98			.50				.06	.72	.17		.09			.72	.18										.20			.15	.19		
GREENUP	2.22				.58			.09	.13	.26	.19				.48	.28	T												.05	.08	.08	
HUTSONVILLE POWER PL	2.71				.43			T	T	1.05	.26	T	.06		.56	.13	T												.05	.15	.02	
LAWRENCEVILLE	3.17			.19	49	.01		.12	.32	.20	.17		.24	T	.86	.25											.12		.06	.14	T	
MATTOON	2.00			.14			.03	.50	.39	.17	T			.15	.36	.01												.05	.07	.13		
MOWEAQUA	2.29			.31				.20	.32	T		T			1.19	.10			.10									T	.05	.02		
NEWTON 6 SSE	2.02			.18	.18			.08	.13	.35	.18		.12		.58	.10													T	.06	.06	
OLNEY 2 S	2.81			.21	.22			.04	.93	.08		.10	.15		.77	.11											.10			.10		
PALESTINE	2.66			.35	.01			.03	.66	.21		.13	.01		.88	.12												.05	.21	T		
PARIS WATERWORKS	2.90			.34	T			.11	1.16	.12	.03		T	T	.64	.07			.03									.04	32	.04		
SAINTE MARIE	2.17			.08	.15	T		.06	.23	.45	.23		.11		.63	.10													.05	.05	.03	
SALEM	1.74			.20				.12	.16	.11		.06			.77	.09													.15	.07	.01	
TUSCOLA	2.04			.15				.18	.50	.11	.09				.53	.21													.15	.12		
VANDALIA 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINDSOR	3.14			.18				.99	.80	.25	.03				.65	.04												T	.07	13		
* * *																																
SOUTHWEST 08																																
ANNA 1 E	3.18			.18				.13	.47			.08	.87		.68													.74		.03	T	
BELLEVILLE SO ILL UNIV	1.97			.12				.22	.93	.04		.34			.27	.05														T	T	
CAHOKIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAIRO WSO CI R	2.56			.22				.40	.18			.81	.07	.58	.06			.04							.01	.05	.14					
CARBONDALE SEWAGE PL	2.21			.10				.07	.45	.05			.42		.71	.05										T	.01	.27	.05	T	.03	
CARLYLE RESERVOIR	1.90			.11	T			.20	.37	.16	.10		.12	T	.48	.16													.08	.01	.11	
CENTRALIA	2.37			.19	.07			.14	.30	.16	.09		.25		.67	.26													.11	.04	.09	
CHESTER	1.51			.17				.05	.15				.18		.75	.05			16													
DU QUOIN 4 SE	1.66			.15				.16	.37			.21		.29	.32													.16				
GRAND TOWER 2 N	1.90			.11				.03	.06				.44		.71				.04							.01	.05	45				
KASKASKIA R NAV LOCK	1.44			.22				.06	.04	.02			.20		.46	.15			.24								.03				.02	
MARION 4 NNE	2.30			.15				.10	.40				.41		.75	.07											T	.23	.11	T	.08	
NASHVILLE 4 NE	1.46			.18	.02			.17	.13	.03	.02		.20		.47	.03											.07		.09	T	.05	
PRAIRIE DU ROCHER 1WSW	1.58			.08				T	.29	T			.12		.70	.05			.33									T			.01	
RED BUD 5 SE	1.41			.13				.05	.30	.08			.22		.53				.10									T	T	T		
SPARTA	1.45			.18				.04	.15	T		.29			.73	T		.03									T			T	.03	
WATERLOO	2.07			.12				.04	.58	.06			.32		.80				.14												.01	
* * *																																
SOUTHEAST 09																																
ALBION	2.66			.16				.09	.65			.16	.35	.07	.72	.17											.08			.21		
BENTON FOREST SERVICE	2.14	.03			.02			.04	.53	.22	.05		.12		.75	.10											.07		.15		.06	
BROOKPORT DAM 52	3.72			T	.10			T	.55	.02			1.61	.04	89	.03										.03	.03	.30	.05		.07	
CARMI 6 NW	2.74			.02	.14			.14	65	.07	.08		.53		.64	.18											.10	T	.04	.10	.05	
DIXON SPRINGS AGR C	3.12			.10				.20	.60	.14		.03	.83	T	.88	.02										.01	.11	.11	.05	T	.04	
FAIRFIELD RADIO WFIW	3.11			.22				.07	.70	.06		.18	.32		.89	.22											.13		.09	.18	.05	
GOLCONDA DAM 51	3.57			T	.11			.19	.51		T		1.33		.80	.03	T									T	.05	.28	.12		.15	
HARRISBURG	2.69			.12				.07	.48	.52		.12	.22	T	.75	.05											T	.22	T	.14	T	
HARRISBURG DISPOSAL PL	2.31	T		.07	T			.09	.43	.06	.03		.33		.79	.09											.04	.22	.11	T	.05	
MC LEANSBORO 2 ENE	2.61	.02		.27	T			.15	.43	.03	.08		.40		.69	.08	T										.19	T	.16	.04	.07	
MT CARMEL	2.02			.17	T			.01	.29	.05	.10		.51		.68	.06	.02										T			.06	.07	
MT VERNON 3 NE	2.40			.27				.17	.22	.15			.34		.65	.22											.23		.12	.03		
RENO LAKE DAM	1.76	T		.14				.04	.41	.12	.01	T	.27		.56	.07													.10		.04	
ROSICLARE	3.41			.10				.16	.38			.58	.73	.12	.82												.22	.16	.08	.06		
SHAWNEETOWN NEW TOWN	2.33	T		.02	T			.08	.12	.26	T		.69		.75	.02											.02	.27	T	.04	.06	
WAYNE CITY 1 N	2.34			.25					.45	.35			.29		.64	.12													.13		.11	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEOO	MAX	55	50	61	52	63	61	73	68	44	48	48	49	49	43	53	61	64	70	76	81	85	90	85	65	59	62	67	66	57	58		62.1
	MIN	29	37	40	30	32	45	47	43	31	29	30	27	29	30	27	31	42	37	45	52	50	51	53	37	35	32	41	40	43	48		38.1
OIXON 3 W	MAX	55	50	48	64	52	61	60	71	54	35	39	39	48	47	36	50	55	61	70	75	80	82	90	63	51	53	59	64	50	56		57.3
	MIN	30	36	39	34	30	40	47	48	31	30	31	29	27	30	26	26	26	33	40	45	44	50	49	31	33	31	47	38	40	46		36.2
FREEPORT WASTE WTR PLT	MAX	56	52	56	51	53	62	63	72	53	35	40	43	49	47	38	52	55	61	71	75	80	83	92	64	52	53	57	67	56	55		58.1
	MIN	28	35	37	33	35	42	45	47	32	33	35	35	36	30	31	35	34	34	47	44	42	53	49	31	33	31	41	45	46	47		38.2
FULTON OAM 13	MAX	54	51	52	59	51	60	61	69	52	37	39	39	47	44	36	50	62	63	71	77	80	83	91	64	53	55	60	68	61	58		58.2
	MIN	35	35	39	36	33	34	47	48	34	33	33	33	33	32	32	32	32	34	45	49	49	58	54	36	35	36	43	45	45	50		39.3
GALVA	MAX	55	48	48	63	52	62	63	72	54	36	45	36	47	47	32	51	58	62	70	75	79	82	90	65	51	57	61	66	58	55		58.0
	MIN	33	39	41	35	30	32	46	47	32	31	30	31	29	30	28	32	38	39	49	49	50	58	53	35	35	32	34	42	43	47		38.3
GENESEO	MAX	51	50	62	53	63	63	73	54	38	43	37	49	47	35	54	60	65	71	76	81	85	91	70	53	57	61	68	56	61	60		59.6
	MIN	31	40	39	36	33	47	50	37	31	32	30	32	31	30	31	30	41	36	48	52	48	58	49	36	39	35	46	48	49	44		39.6
HENNEPIN POWER PLANT	MAX	54	47	58	68	52	63	61	73	58	38	42	42	49	40	38	51	57	62	71	76	79	82	92	66	51	56	58	60	56	57		58.6
	MIN	30	41	41	36	31	46	48	50	32	32	28	31	26	32	32	27	33	32	38	51	42	55	55	34	34	30	46	44	45	47		38.3
KEWANEE 1 E	MAX	55	48	48	63	51	61	62	71	55	36	43	39	47	47	35	50	56	63	69	74	79	83	90	65	50	55	59	60	58	52		57.5
	MIN	29	40	41	35	34	43	49	46	31	31	29	32	30	31	30	28	40	33	40	53	44	60	52	34	34	30	44	41	47	47		38.6
MOLINE WSO AP	MAX	53	50	62	54	64	62	74	58	38	45	38	49	47	34	54	62	64	71	77	81	85	92	69	54	58	62	69	62	56	60		60.1
	MIN	28	41	39	35	29	48	51	38	33	32	28	30	29	30	29	27	38	32	48	47	49	56	44	37	36	30	39	39	48	50		38.0
MORRISON	MAX	57	51	49	63	52	63	62	73	52	37	39	39	48	45	34	52	57	60	70	75	79	82	91	64	52	55	61	67	65	55		58.3
	MIN	28	29	29	35	31	36	47	48	31	31	31	31	29	29	29	27	37	32	40	47	42	52	52	34	35	29	43	42	42	43		36.4
MOUNT CARROLL	MAX	57	52	55	60	53	62	61	72	51	36	41	40	49	47	37	53	56	61	70	75	80	83	91	63	52	55	60	68	60	55		58.5
	MIN	22	34	36	33	25	39	45	42	31	31	26	28	20	29	30	21	37	27	35	38	36	47	51	31	28	25		39	47	47		33.8
PAW PAW	MAX	50	52	48	64	51	59	62	68	57	35	38	38	48	48	34	47	52	57	68	72	78	80	88	63	58	51	53	56	50	56		56.0
	MIN	32	31	36	33	31	36	38	46	32	23	28	30	29	30	30	29	32	32	40	47	47	48	47	32	30	26	42	40	40	46		35.4
ROCHELLE	MAX	55	52	51	64	51	60	61	69	52	36	39	40	48	45	33	48	54	64	68	72	73	79	89	62	50	50	55	58	52	58		56.3
	MIN	35	34	37	33	31	37	46	46	32	31	31	31	28	30	28	29	34	34	43	54	44	52		31	31	31	30	38	42	46		36.2
ROCKFORO WSO AP	MAX	52	56	57	52	61	62	71	58	35	39	42	47	46	33	48	53	59	71	75	79	81	91	72	48	48	56	60	52	58	61		57.4
	MIN	28	34	35	33	30	42	47	35	32	32	32	27	23	31	31	23	31	31	41	44	43	50	42	31	30	29	45	39	45	46		35.4
STOCKTON 1 N	MAX	54	51	56	49	51	61	60	70	51	34	38	42	47	44	39	51	55	60	70	73	78	83	91	63	51	50	60	67	59	54		57.1
	MIN	23	33	35	31	32	34	41	42	31	30	26	31	28	28	29	22	34	38	40	42	41	53	48	29	29	25	43	42	47	47		35.1
TISKILWA 2 SE	MAX	51	49	67	52	62	66	71	67	45	42	40	48	50	37	51	57	62	70	74	79	81	90	84	63	55	57	65	65	58	59		60.6
	MIN	30	41	41	36	34	44	48	45	34	31	28		29	32	31	29	37	34	47		45	62	53	34	34	30		43	47	47		38.7
WALNUT	MAX	54	48	64	53	62	61	71	67	49	40	40	49	46	40	51	55	59	69	74	78	81	90	86	65	53	57	65	66	56	60		60.3
	MIN	32	39	39	34	30	45	45	45	33	30	26	30	28	30	30	32	36	38	46	52	46	56	52	32	36	30	45	37	46	46		38.2
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	46	49	53	45	51	62	64	67	61	38	46	44	47	43	34	46	48	62	72	72	70	78	90	62	42	47	52	50	49	57		54.9
	MIN	27	27	31	33	32	33	45	47	33	32	33	32	27	26	31	25	26	32	40	44	45	46	43	29	29	28	36	42	42	44		34.7
AURORA	MAX															48	53	58	70	72	78	79	90	73	48	50	52	50	48	58	60		
	MIN	30	39	37	34	32	40	48	41	32	33	32	33	27	33	34	27	32	34	39	46	41	58	47	32	35	33	41	42	45	47		37.5
8ARRINGTON	MAX	44	49	52	52	50	59	65	68	57	35	38	42	47	42	36	45	48	59	70	72	75	79	89	62	45	48	50	48	46	57		54.3
	MIN	27	36	35	33	32	39	48	49	32	33	32	33	26	32	31	25	32	36	48	48	45	55	46	30	31	29	42	42	42	39		36.9
CHICAGO O'HARE WSO AP	MAX	52	52	59	53	64	66	71	59	40	40	45	47	46	35	45	49	60	70	72	76	79	91	72	44	46	50	45	46	57	60		56.4
	MIN	30	38	38	34	35	43	47	40	33	29	29	28	24	31	30	24	28	38	45	47	46	58	41	32	30	30	40	42	45	42		36.6
CHICAGO UNIVERSITY	MAX	46	46	49	56	61	64	66	71	57	43	42	48	48	44	46	44	56	71	72	74	70	87	89	53	46	46	48	45	47	51		56.2
	MIN	35	38	37	35	36	47	51	50	35	35	35	36	34	32	33	34	35	44	52	56	45	59	43	31	37	38	42	41	42	44		40.4
CHICAGO MIOWAY AP	MAX																																
	MIN																																
OE KAL8	MAX	54	51	63	58	60	63	70	67	47	39	41	45	45	39	47	53	59	69	73	79	80	91	91	62	48	53	55	52	58	61		59.1
	MIN	29	36	36	31	32	42	44	47	31	32	31	32	29	31	31	28	33	32	40	50	44	54	48	30	38	30	43	40	45	45		37.1
ELGIN	MAX	45	52	53	55	50	58	64	68	58	35	38	40	47	45	34	44	50	57	69	71	77	78	89	61	43	48	50	48	47	56		54.3
	MIN	30	34	36	33	32	36	39	49	31	31	32	32	29	30	30	28	31	35	47	48	46	46	47	30	29	31	37	41	42	45		36.2
GE8HARO WOOOS ST PARK	MAX	47	45	61	68	51	62	66	73	62	38	40	50		50	37	49	54	59	69	72	80	81	91	66	49	54	56	52	49	57		58.2
	MIN	37	42	44	36	32	41	44	51	34	34	33	33		33	33	29	33	34	44	52	42	54	50	33	33	30	39	43	45	45		39.1
JOLIET 8RANOON RO OAM	MAX	46	48	51	65	50	60	65	71	59	38	48	42	49	49	38	48	53	59	70	73	78	79	90	64	47	53	52	50	49	57		56.7
	MIN	30	33	40	33	29	34	42	48	32	31	28	31	32	29	30	27	32	34	41	49	41	48	47	32	31	31	41	41	41	45		36.1
MARENGO	MAX	52	55	55	52	44	63	64	64	60	35	38	42	49	45	33	46	53	60	72	74	77	81	91	63	45	48	52	55	49	57		55.8
	MIN	22	32	32	32	29	37	44	44	32	31	32	31	27	30	30	24	30	35	44	45	43	48	49	28	29	28	32	40	40	40		34.7
OTTAWA	MAX	48	56	68	60	64	66	73	71	51	41	41	50	52	36	50	57	62	72	76	82	83	92	87	65	56	54	54	52	58	61		61.3
	MIN	32	42	41	36	34	44	49	51	35	34	31	33	29	33	34	31	35	46	42	49	46	54	55	35	42	33	43	44	47	48		40.3
PARK FOREST	MAX	41	46	49	65	48	59	65	70	58	36	39	41	46	47	37	48	48	59	69	72	76	77	89	56	45	49	47	49	47	55		54.4
	MIN	30	36	38	35	32	32	50	50	34	32	29	34	30	32	32	28	31	37	46	51	41	55	45	33	32	31	40	42	42	45		37.5
PERU 2 W	MAX	50	49	60	58	57	62	75	70	52	42	40	50	50	39	52	57	62	67	76	81	80	91	90	67	56	58	58	56	57	61		60.8
	MIN	41	32	41	35	45	47	47	47	31	34	33	28	24	28	31	38	35	41	50	50	43	53	53	36	32	38	41	42	47	45		39.6
WAUKEGAN	MAX	40	44	48	45	50	61	66	69	59	36	42	40	46	41	34	43	41	59	72	73	67	79	90	54	41	43	50	47	46	53		52.6
	MIN	28	28	30	32	33	35	38	44	34	32	33	32	28	29	30	25	25	32	43	48	45	44	42	29	29	30	32	39	38	41		34.3
WHEATON 3 SE	MAX	52	53	62	60	61	63	72	70	57	40	43	47	50	40	47	52	60	71	74	79	81	90	88	59	49	53	51	46	59	60		59.6
	MIN	28	39	35	34	30	40	42	50	33	33	30	33	24	32	33	24	27	30	36	45	40	52	47	31	32	27	40	42	44	45		35.9

SEE REFERENCE NOTES FOLLOWING STATION INOEX

DAILY TEMPERATURES

ILLINOIS
APRIL 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
WEST 03																																	
GALESBURG	MAX	51	49	62	52	62	63	72	54	38	49	36	48	47	33	52	60	60	70	75	80	82	89	69	52	59	61	65	61	56	59		58.9
	MIN	30	38	38	34	30	45	50	35	30	30	30	30	31	28	27	30	43	36	48	49	51	49	39	35	36	35	37	42	47	45		37.6
GOLDEN 1 NW	MAX	57	52	63	54	65	65	73	65	45	60	55	47	50	45	55	63	64	72	77	83	87	89	80	70	63	64	65	65	60	65		63.9
	MIN	34	37	44	36	32	45	50	45	32	32	32	31	30	29	29	36	45	41	46	51	53	57	57	39	35	39	41	38	40	50		40.2
LA HARPE	MAX	55	51	61	54	65	63	74	57	44	56	49	48	48	44	46	63	62	72	77	83	85	90	81	63	64	64	68	66	58	64		62.5
	MIN	33	36	36	36	29	46	48	44	32	34	34	31	30	29	30	30	44	39	44	48	55	56	57	39	35	37	44	41	44	49		39.7
MONMOUTH	MAX	53	49	63	53	65	63	75	64	45	51	47	49	48	41	52	61	60	72	78	81	85	93	82	60	61	62	66	64	56	59		61.9
	MIN	32	38	42	36	32	46	50	45	32	30	33	32	29	30	30	31	43	36	47	53	50	61	55	39	35	34	42	40	45	49		39.9
QUINCY FAA AP	MAX	58	54	61	54	65	64	72	55	45	61	48	49	48	41	56	62	61	71	76	82	85	87	71	55	63	63	64	62	59	63		61.8
	MIN	37	41	42	41	37	49	52	45	37	37	38	37	36	33	33	40	48	48	51	56	57	59	55	44	41	41	46	45	45	51		44.1
QUINCY DAM 21	MAX	55	58	55	60	54	65	65	70	54	49	61	44	48	48	38	57	63	60	72	76	81	86	85	71	54	63	63	66	64	60		61.5
	MIN	33	34	37	37	34	35	49	49	38	35	35	32	32	30	29	33	35	45	45	45	54	53	56	45	35	36	43	45	44	44		39.9
RUSHVILLE	MAX	54	53	63	52	63	64	72	65	45	58	55	48	50	46	53	61	63	70	70	80	83	87	80	70	62	62	64	63	58	65		62.6
	MIN	34	37	43	37	31	46	50	45	32	32	37	31	31	29	29	33	45	41	45	50	55	56	59	40	35	37	41	38	46	42		40.2
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	46	49	66	57	60	67	74	69	49	44	42	46	49	40	49	55	61	69	73	77	81	89	80	72	56	57	52	48	54	59		59.7
	MIN	30	36	40	35	32	42	49	40	35	32	30	32	38	28	31	32	34	35	43	51	41	58	52	36	35	31	38	42	47	45		38.3
DECATUR	MAX	53	63	68	58	62	70	75	66	48	56	60	56	53	53	50	61	65	72	74	82	84	89	82	66	63	66	60	53	59	60		64.2
	MIN	28	36	45	37	30	44	49	48	34	33	37	34	29	32	31	27	40	37	37	46	46	59	56	35	30	39	39	41	41	45		38.8
FARMER CITY	MAX	48	55	66	50	64	66	71	72	48	48	56	54	52	39	51	58	62	71	78	80	82	90	80	60	61	61	55	49	54	59		61.3
	MIN	32	34	42	36	34	35	43	31	35	33	33	34	31	31	31	32	37	38	40	41	47	52	52	37	34	35	38	43	42	46		37.6
HAVANA 4 NNE	MAX	52	52	51	67	52	64	65	74	55	38	56	42	48	49	34	52	62	65	70	77	81	85	89	70	53	66	62	63	59	55		60.3
	MIN	30	34	42	38	32	38	49	49	36	32	35	33	30	30	31	29	35	34	38	44	45	48	56	44	32	35	42	43	45	47		38.5
LACON 2 E	MAX	52	49	70	52	63	67	74	68	48	46	45	48	48	44	51	60	65	71	77	81	84	91	88	66	60	60	64	58	57	59		62.2
	MIN	28	39	40	32	30	39	48	48	31	32	29	31	28	31	31	28	39	35	44	55	42	54	54	34	34	32	45	42	47	47		38.3
LINCOLN	MAX	51	57	67	57	62	68	75	70	48	54	55	54	52	47	51	59	63	70	75	81	82	88	84	69	63	63	59	56	56	59		63.2
	MIN	31	36	43	36	32	44	50	46	33	32	36	32	32	31	31	29	40	39	42	53	48	53	58	41	33	37	42	43	44	48		39.8
MASON CITY 1 NW	MAX	52	55	66	50	62	67	74	67	49	54	50	48	50	46	50	59	61	69	74	80	81	88	84	63	60	62	62	60	59	59		62.0
	MIN	31	36	43	37	32	46	50	49	34	32	36	32	32	31	32	32	42	43	43	50	48	52	57	41	32	35	40	39	42	48		39.9
MINONK	MAX																																
	MIN																																
NORMAL	MAX	47	50	66	65	62	65	73	72	48	44	45	47	49	47	49	56	61	69	74	78	82	89	89	65	60	60	58	51	52	58		61.0
	MIN	30	36	41	36	29	46	50	48	35	32	33	32	27	30	31	27	40	33	38	53	47	59	54	39	35	35	41	43	43	47		39.0
PEORIA WSO AP	MAX	48	51	67	52	63	65	73	57	42	50	39	50	51	35	51	57	58	69	75	79	81	88	71	52	59	59	60	57	54	59		59.1
	MIN	31	38	41	36	31	46	50	42	34	33	35	30	30	32	32	30	42	36	39	48	49	53	44	40	36	36	44	43	47	47		39.2
PRINCEVILLE	MAX	48	49	62	52	64	64	75	65	65	49	48	48	50	44	50	59	58	71	78	79	84	91	83	63	62	61	64	59	56	60		62.0
	MIN	31	31	30	35	30	46	49	45	32	32	30	28	29	29	29	30	40	34	45	50	46	57	54	36	35	30	43	39	45	46		37.9
* * *																																	
EAST 05																																	
DANVILLE	MAX	47	62	62	63	59	66	69	68	53	46	63	57	51	49	53	56	63	71	74	^81	79	89	87	61	55	63	60	49	53	58		62.2
	MIN	37	33	44	38	28	38	50	49	32	35	29	38	32	33	33	29	30	34	37	47	45	47	53	35	29	36	39	42	40	42		37.8
HOOPESTON 1 NE	MAX	45	55	61	59	58	64	68	65	51	41	58	54	50	46	52	52	61	69	72	78	77	88	79	52	53	61	55	48	53	57		59.4
	MIN	36	35	42	36	33	40	50	48	36	33	31	36	33	32	32	31	33	40	46	52	46	55	51	37	30	32	36	40	40	41		38.8
KANKAKEE WTR POLL CTR	MAX	44	45	51	64	57	68	66	71	57	38	40	38	48	50	39	49	52	60	71	73	76	79	89	59	46	49	57	54	50	53		56.4
	MIN	29	34	39	35	38	42	46	49	37	32	29	36	29	32	32	29	32	35	40	44	46	52	48	35	34	38	41	33	42	44		37.7
PIPER CITY 3 SE	MAX	47	52	65	62	61	66	72	66	48	42	47	50	50	42	52	55	63	71	75	80	80	91	84	55	57	58	53	50	55	60		60.3
	MIN	32	36	40	35	32	41	49	48	35	32	31	34	32	31	31	30	32	37	45	52	42	54	50	34	36	30	35	41	40	45		38.1
PONTIAC	MAX	46	47	66	60	62	64	73	70	50	41	41	48	48	43	51	54	62	70	74	80	83	89	86	65	54	57	53	49	54	58		59.9
	MIN	31	38	40	36	32	43	50	50	34	33	31	33	29	31	32	32	36	37	42	53	44	58	52	37	39	34	41	42	45	46		39.4
RANTOUL	MAX	43	48	56	63	46	58	65	71	58	40	46	56	47	50	38	51	56	60	69	72	79	80	88	62	47	55	57	60	48	55		57.5
	MIN	36	34	43	36	32	36	43	43	38	34	32	36	32	32	32	32	36	39	46	50	42	51	51	37	35	35	37	38	42	45		38.5
URBANA	MAX	48	59	64	45	59	65	71	61	45	47	57	47	50	39	52	57	62	70	73	79	80	89	73	61	58	61	55	48	54	58		59.6
	MIN	38	36	44	37	34	41	50	45	36	33	36	38	32	31	31	36	37	42	45	54	49	54	48	38	34	37	39	43	42	47		40.2
WATSEKA 2 NW	MAX	41	45	51	61	47	61	64	70	58	39	40	51	50	52	38	51	54	60	71	69	77	78	87	58	45	51	56	52	47	54		55.9
	MIN	32	37	41	36	34	32	34	51	37	33	30	34	30	27	30	30	33	35	25	45	42	53	50	36	32	31	32	34	42	44		36.1
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	48	57	67	67	54	66	67	75	52	50	62	60	54	50	40	58	61	65	71	75	80	82	85	74	62	61	63	60	61	58		62.8
	MIN	35	41	46	41	40	42	50	51	43	37	42	38	39	31	32	35	43	47	44	49	53	54	60	51	39	44	45	43	45	47		43.6
CARLINVILLE	MAX	54	63	70	54	64	68	76	66	50	62	62	57	51	47	57	63	65	70	76	82	83	89	84	66	62	65	61	59	56	62		64.8
	MIN	30	41	48	38	31	47	46	50	35	36	45	33	34	31	31	28	43	47	38	51	47	52	59	41	30	40	40	38	39	48		40.6
GRIGGSVILLE	MAX	56	56	62	53	63	69	75	61	45	59	54	49	49	43	55	63	63	70	75	80	85	86	75	63	63	63	62	61	57	61		62.5
	MIN	32	40	46	37	35	48	50	45	34	34	37	33	34	30	31	36	46	48	49	56	52	61	61	44	37	41	41	39	43	49		42.3
HILLSBORO	MAX	54	67	74	57	63	68	76	70	53	61	61	58	52	50	58	64	65	74	76	82	84	89	82	71	62	67	65	57	54	52		65.5
	MIN	35	41	50	36	40	47	48	52	38	40	38	35	32	32	31	34	40	47	42	60	48	54	57	45	32	40	40	40	40	49		42.2
JACKSONVILLE 2 E	MAX	48	55	57	65	53	63	66	77	56	44	59	58	50	51	33	54	61	61	69	75	80	82	86	71	54	62	63	61	60	56		61.0
	MIN	31	34	42	38	32	31	45	49	38	34	35	33	33	30	31	31	34	42	44	44	48	52	59	43	32	37	40	37	38	43		38.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	48	56	64	68	55	65	67	75	58	49	61	64	50	50	40	58	62	63	71	75	79	83	86	72	62	61	64	60	60	58		62.8
	MIN	29	38	48	37	28	42	48	48	39	32	42	36	34	29	30	30	43	46	37	46	41	55	54	42	33	40	38	38	40	46		39.6
MORRISONVILLE	MAX	46	52	61	68	52	62	67	73	58	45	58	55	51	50	33	58	60	60	74	74	82	80	88	70	55	67	64	59	58	55		61.2
	MIN	33	37	42	46	30	43	42	47	35	34	39	32	33	31	32	31	36	45	41	39	47	52	55	38	31	36	38	39	37	44		38.8
PANA	MAX	51	62	68	50	61	68	72	65	48	60	58	53	50	45	55	60	61	70	75	80	80	87	74	61	59	64	57	55	52	60		62.0
	MIN	32	41	48	37	36	45	49	48	36	37	43	36	35	31	31	33	41	43	43	51	49	55	57	41	33	39	38	42	41	48		41.3
SPRINGFIELD WSO AP	MAX	54	59	66	50	62	67	76	60	44	56	58	49	51	34	50	60	60	70	75	82	82	88	71	53	63	64	60	58	54	61		61.2
	MIN	33	41	42	37	33	48	51	44	36	36	39	35	33	32	33	31	43	41	45	52	50	56	51	40	33	39	43	40	44	47		40.9
VIRDEN 1 N	MAX	55	64	69	59	63	68	75	69	50	58	59	57	51	47	53	62	61	70	75	81	82	87	71	67	61	65	61	57	54	62		63.8
	MIN	33	40	41	32	37	46	51	47	40	37	41	35	35	32	31	31	41	43	45	51	48	60	64	42	32	47	38	40	44	47		41.7
WHITE HALL 1 E	MAX	54	59	65	54	62	69	75	71	51	61	64	50	49	47	56	61	61	70	75	81	86	86	84	70	62	63	60	60	59	64		64.3
	MIN	31	43	48	38	32	46	42	42	33	35	44	34	36	30	31	32	45	48	43	48	53	51	62	43	34	42	42	40	42	49		41.3
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	48	66	65	49	60	66	71	68	52	55	60	56	50	45	53	60	61	71	73	79	81	86	84	65	59	64	60	52	54	60		62.4
	MIN	30	41	47	37	32	42	48	49	36	36	39	38	43	33	31	30	40	45	40	59	48	56	58	37	30	39	39	42	42	45		41.1
EFFINGHAM 3 W	MAX	44	49	65	67	48	60	67	72	58	46	59	58	50	49	39	55	60	61	70	73	78	79	85	68	61	57	63	58	51	53		60.1
	MIN	30	32	34	36	29	37	47	53	42	38	41	39	35	34	32	29	37	44	39	46	51	51	60	39	30	40	40	40	43	45		39.8
FLORA 5 NW	MAX	53	67	69	62	61	68	73	68	53	62	60	56	48	46	59	60	63	70	76	80	80	88	80	65	58	61	60	54	53	62		63.8
	MIN	29	36	47	39	31	40	48	52	41	36	41	40	37	33	32	29	39	41	37	46	47	51	58	39	29	40	39	38	42	45		40.1
MATTOON	MAX	49	63	65	45	59	67	71	61	47	55	60	48	49	40	52	58	60	71	73	81	81	88	71	68	60	65	58	50	53	59		60.9
	MIN	30	39	43	34	32	41	48	45	36	36	38	35	33	32	31	30	39	43	42	51	50	55	47	30	32	39	39	41	42	46		39.3
MOWEAQUA	MAX	50	61	67	63	60	68	73	71	51	56	58	56	51	48	51	59	62	69	74	82	81	88	79	61	60	64	61	54	56	60		63.1
	MIN	32	33	46	37	33	44	50	51	35	37	34	37	34	32	32	31	40	41	43	49	49	55	49	38	33	41	40	43	42	42		40.1
NEWTON 6 SSE	MAX	43	51	66	65	45	60	65	70	60	47	59	60	51	47	41	56	60	63	70	74	78	80	86	68	63	58	62	58	54	51		60.4
	MIN	31	33	47	39	32	40	48	54	43	39	41	40	38	32	32	33	37	42	40	50	49	52	60	41	31	38	40	41	43	42		40.9
OLNEY 2 S	MAX	52	67	67	62	61	68	72	66	53	60	62	55	48	45	58	61	64	72	75	78	80	87	78	67	59	65	59	56	53	62		63.7
	MIN	30	38	51	42	29	37	52	53	35	39	42	40	38	36	32	30	40	45	39	44	47	49	57	41	32	42	40	41	44	45		41.0
PALESTINE	MAX	49	66	66	51	60	66	71	67	51	60	63	57	48	44	57	58	64	71	75	79	80	87	81	65	60	63	60	54	52	59		62.8
	MIN	38	37	50	38	33	42	53	51	40	41	41	40	39	34	33	33	38	47	40	49	47	50	60	40	32	43	41	43	43	42		41.9
PARIS WATERWORKS	MAX	47	67	63	55	59	65	71	65	51	50	61	55	50	45	53	57	64	70	73	80	80	87	75	59	56	62	57	57	55	57		61.5
	MIN	34	38	44	36	30	41	47	47	34	35	34	36	32	31	30	30	32	38	41	53	45	51	53	40	29	36	36	40	39	42		38.5
SALEM	MAX	57	70	70	63	61	72	74	67	53	62	60	56	48	46	59	63	67	71	75	79	82	88	83	66	59	61	59	56	55	63		64.8
	MIN	30	36	50	39	34	41	51	52	43	37	46	41	39	32	32	31	41	45	39	46	48	52	59	48	34	44	42	39	44	48		42.1
TUSCOLA	MAX	48	62	66	63	60	66	72	69	52	52	60	55	51	50	53	56	62	69	74	81	80	89	87	65	59	60	63	63	54	59		63.3
	MIN	33	37	45	38	33	38	49	49	37	35	36	38	34	31	31	32	38	39	42	48	49	59	56	40	32	33	38	38	42	45		39.8
VANDALIA 3 SW	MAX																																
	MIN																																
WINDSOR	MAX	52	64	67	58	67	67	72	68	52	57	58	56	50	45	53	60	60	71	73	79	80	85	79	65	59	64	57	51	53	61		62.8
	MIN	40	40	46	37	32	42	48	50	37	37	39	37	34	32	33	34	40	43	44	50	47	57	57	41	33	39	38	42	42	46		41.2
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	61	75	71	64	64	67	70	68	57	71	67	57	50	39	63	63	70	73	78	82	83	89	88	75		61	58	60	59	65		67.2
	MIN	35	45	51	42	34	38	53	55	47	42	50	40	36	32	34	35	36	44	47	48	57	51	63		39	46	43	44	43	49		44.1
BELLEVILLE SO ILL UNIV	MAX	60	68	72	68	63	68	76	73	53	65	65	55	51	48	60	62	65	70	76	80	81	88	86	71	58	61	60	58	59	63		66.1
	MIN	31	40	51	39	31	45	49	49	43	36	44	36	35	31	32	32	43	44	36	46	47	49	54	42	32	42	39	39	39	46		40.7
CAHOKIA	MAX																																
	MIN																																
CAIRO WSO CI	MAX	63	74	67	58	63	69	72	65	61	71	67	57	49	42	63	64	73	74	75	81	83	88	90	76	56	58	60	66	63	67		67.2
	MIN	46	48	53	45	44	50	60	56	49	47	55	45	39	37	39	42	50	55	54	54	57	58	63	48	47	51	49	50	51	52		49.8
CARBONDALE SEWAGE PL	MAX	46	61	75	70	57	64	69	73	63	56	70	65	58	51	42	63	64	72	73	77	81	84	90	86	72	60	61	60	61	59		66.1
	MIN	31	40	50	42	30	35	50	54	45	40	42	40	40	32	33	29	39	41	36	44	47	47	58	46	40	44	44	42	43	44		41.6
CARLYLE RESERVOIR	MAX	46	58	65	74	55	62	69	73	60	48	64	59	54	49	42	60	62	65	68	74	80	79	80	73	64	58	61	60	57	53		62.4
	MIN	34	42	49	40	35	40	50	54	43	37	45	37	37	32	32	36	44	47	47	51	54	58	57	45	37	43	40	42	40	43		43.0
DU QUOIN 4 SE	MAX	59	71	69	55	63	68	73	61	54	67	62	55	49	37	65	62	60	69	75	81	81	89	91	68	58	60	60	56	55	65		64.6
	MIN	33	40	45	36	34	42	54	47	43	41	41	40	32	32	33	32	44	44	42	51	52	53	52	47	38	43	43	43	43	48		42.3
KASKASKIA R NAV LOCK	MAX	48	61	72	73	58	65	69	76	61	55	71	60	58	50	42	63	65	62	70	77	82	83	90	83	69	56	52	58	52	56		64.6
	MIN	33	37	46	41	35	37	45	49	50	40	45	39	39	32	31	34	38	46	41	45	51	52	56	46	41	44	41	40	41	44		42.0
MARION 4 NNE	MAX	45	62	75	69	56	63	69	72	63	55	69	65	57	51	39	61	64	71	71	71	80	81	88	88	71	61	61	59	57	55		65.0
	MIN	36	38	41	41	32	35	43	55	47	40	41	40	40	33	34	32	33	45	48	46	50	54	58	45	37	39	44	43	43	45		41.9
NASHVILLE 4 NE	MAX	57	67	70	65	61	68	72	67	53	64	62	55	50	45	58	61	65	70	74	79	80	87	82	68	58	59	59	57	55	61		64.3
	MIN	35	43	52	40	35	43	51	51	44	39	42	38	38	32	32	37	41	45	47	50	55	57	60	45	36	43	40	43	42	48		43.5
SPARTA	MAX	61	71	73	62	63	69	74	67	55	69	63	55	53	46	62	63	61	72	76	80	83	90	83	67	60	57	60	62	58	65		66.0
	MIN	34	44	53	41	34	43	53	47	45	40	46	38	39	31	32	35	44	43	41	52	52	58	62	46	37	44	41	41	42	48		43.5
WATERLOO	MAX	48	61	69	71	56	65	70	80	58	51	68	58	56	50	44	61	63	58	70	77	82	83	90	81	69	59	59	62	64	59		64.7
	MIN	36	40	50	40	34	46	50	50	44	39	45	36	36	32	32	37	42	45	45	53	54	59	61	46	35	44	46	41	41	48		43.6
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	54	70	69	64	63	76	75	70	59	64	64	58			59	60	66	70	76	78	80	87	86	70	58	64	64	57	54	64		67.1
	MIN	35	44	50	43	34		52	54	43	44	46				34	36	40	47			55	58	64	46	34	45	40	41	44	46		44.8
BROOKPORT DAM 52	MAX	63	74	66	66	63	66	68	68	59	68	66	58	54	41	62	63	74	74	74	78	83	83	85	79	66	58	60	62	60	66		66.9
	MIN	42	40	53	43	35	36	54	54	49	43	46	41	39	35	35	31	40	49	40	42	48	47	58	46	42	46	45	41	46	48		43.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
APRIL 1980

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIXON SPRINGS AGR C	MAX	61	76	76	66	63	68	71	70	59	69	68	59	53	47	61	65	71	72	76	79	80	85	85	83	68	58	59	59	57	63		67.6
	MIN	37	42	57	43	32	40	54	57	49	42	55	42	41	35	34	31	44	48	42	43	56	48	60	48	40	45	45	41	45	48		44.8
FAIRFIELD RADIO WFIW	MAX	53	71	68	65	60	66	72	70	57	62	61	57	51	46	56	60	65	70	74	78	80	87	85	67	58	63	60	56	52	61		64.4
	MIN	31	37	51	41	31	40	47	49	45	46	43	41	38	35	33	30	41	45	40	50	54	50	62	41	32	42	42	39	45	48		42.3
HARRISBURG	MAX	64	72	70	66	64	72	74	69	59	70	68	58	50	43	62	62	70	72	78	82	82	90	85	72	61	63	59	60	56	64		67.2
	MIN	33	40	49	43	33	37	54	55	47	43	43	41	40	34	35	32	39	43	40	45	51	49	62	47	39	46	45	45	46	50		43.5
MC LEANSBORO 2 ENE	MAX	45	57	69	68	52	61	69	73	61	54	65	62	55	50	39	60	61	66	70	75	79	80	87	88	68	58	60	59	58	55		63.5
	MIN	31	38	50	42	34	40	50	53	46	40	46	40	39	35	33	33	41	48	46	48	56	53	61	45	36	42	42	41	42	46		43.2
MT CARMEL	MAX	46	51	69	67	47	61	66	69	61	51	63	60	57	49	44	59	60	63	71	74	81	80	87	75	65	60	65	63	57	54		62.5
	MIN	34	39	46	43	33	33	43	50	45	41	42	43	40	35	32	32	35	41	42	47	49	52	52	41	37	38	43	42	42	44		41.2
MT VERNON 3 NE	MAX	57	72	68	64	62	69	73	60	60	49	64	59	50	50	45	60	62	66	71	80	80	81	87	76	67	59	61	60	56	54		64.1
	MIN	30	35	50	40	30	36	51	50	46	40	45	40	39	33	27	29	47	41	38	57	47	49	60	42	31	41	41	39	43	46		41.4
RENO LAKE DAM	MAX	45	61	70	70	56	61	70	75	62	53	67	64	56	50	41	61	62	67	70	75	79	80	89	81		63	61	60	60	60		64.4
	MIN	32	38	48	41	36	42	52	53	46	41	41	41	41	34	33	39	44	46	46	54	57	54	64	48	39	36	39	44	43	43		43.8
ROSICLARE	MAX	63	76	69	61	65	70	72	70	59	70	66	57	50	47	62	62	71	71	75	81	80	87	87	75	55	58	58	58	60	63		66.6
	MIN	37	40	50	39	31	34	53	50	43	32	42	40	39	32	34	31	38	46	36	42	51	46	59	45	40	46	45	43	46	47		41.9

DAILY SOIL TEMPERATURES

ILLINOIS
APRIL 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	44	45	52	50	46	49	53	58	57	49	46	47	48	49	45	49	55	56	61	62	63	66	65	65	59	59	60	60	52	52		54.1
		MIN	42	41	42	46	42	40	39	51	49	45	43	42	43	44	40	38	41	41	47	48	50	54	58	56	51	50	50	51	50	48		46.1
	8	MAX	46	45	49	48	48	49	50	54	54	51	48	47	47	48	47	47	51	52	57	57	58	61	62	61	58	58	58	58	55	53		52.6
		MIN	45	45	45	48	45	44	44	50	51	48	47	47	47	47	44	44	46	47	51	52	53	56	59	58	55	55	54	54	53	53		49.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
* * * NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	-	-	-	-	-	-	-	.21	-	-	-	-	-	-	.07	-	.14	.14	.24	.14	.28	.28	.56	.12	.13	.20	.09	.10	.12	.06		-
	WIND	-	-	-	-	-	-	-	-	208	156	61	52	54	69	110	54	53	30	23	57	24	36	155	47	44	18	47	51	77	19		
	MAX	-	-	-	-	-	-	-	55	90	38	45	40	41	51	45	51	64	66	80	79	83	83	92	84	65	72	74	60	66	68		64.9
	MIN	-	-	-	-	-	-	-	53	35	36	36	34	34	34	34	36	40	44	45	53	52	54	52	42	40	41	45	46	37	48		42.2
* * * EAST 05																																	
URBANA	EVAP	-	-	.08	.05	.02	.11	.16	.11	.08	.00	.04	.01	.06	.12	-	-	-	-	.13	.23	.23	.18	.38	.21	.03	.21	.14	.04	-	.07		3.518
	WIND	-	-	-	119	76	56	55	80	148	127	47	56	53	53	66	56	23	16	12	63	63	31	127	45	44	31	50	49	59	20		18068
	MAX	-	-	65	57	41	56	68	72	55	42	46	50	56	56	38	59	69	66	78	78	78	84	81	75	49	67	69	72	46	52		61.6
	MIN	-	-	42	37	33	35	36	44	37	33	34	37	38	32	32	31	36	39	44	46	48	48	51	41	34	35	34	34	41	42		38.4
* * * WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	-	-	-	-	-	-	.20	.31	.06	.10	.15	.00	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	-	-	-	-	-	-	177	180	230	178	115	103	77	228	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MAX	-	-	-	-	-	70	75	70	59	68	64	53	54	-	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	-	-	-	-	-	38	48	40	35	36	37	35	36	32	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
* * * SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.03	.07	.18	.21	.14	.16	.27	.19	.15	.01	.15	.06	.17	-	-	.15	.22	.13	.15	.20	.21	.25	.25	.33	.26	.19	.25	.05	.09	.00		4.848
	WIND	36	52	68	160	62	56	134	124	120	84	58	100	96	200	96	74	55	81	27	39	41	31	45	63	99	113	122	63	71	27		2397
	MAX	46	55	60	66	52	59	70	75	62	-	68	52	62	47	38	63	72	65	77	66	81	86	87	77	69	64	63	58	58	50		63.7
	MIN	37	36	35	42	37	40	44	49	42	38	46	46	38	30	30	35	40	43	45	47	54	55	48	49	38	41	42	43	42	42		41.8

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 3 W	SNOWFALL										T		T		1.9	1.8																
	SN ON GND														2	3																
FREEPORT WASTE WTR PLT	SNOWFALL									.3						3.0																
	SN ON GND									T						3																
GALENA 1 N	SNOWFALL									1.0	T	T	T		T	4.0																
	SN ON GND									1	T	T			T	2																
GALVA	SNOWFALL									.5	1.0				3.5	5.0																
	SN ON GND									1	T				4	8	T															
MOLINE WSO AP	SNOWFALL									1.2		.8			6.7	.8																
	SN ON GND														T	4																
	WTR EQUIV														.6																	
MORRISON	SNOWFALL									.5	T				1.0	1.0																
	SN ON GND									1					1	2																
PAW PAW	SNOWFALL									T					1.5	6.0																
	SN ON GND									T					2	7	T															
ROCKFORD WSO AP	SNOWFALL				T					.9		.2			3.9	.4									T							
	SN ON GND									T					1	3																
	WTR EQUIV																															
WALNUT	SNOWFALL									1.5					5.5																	
	SN ON GND														5																	
* * * NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL										2.0		3.0		T	3.0									.2	.1						
	SN ON GND												T		T	2	T								T							
AURORA	SNOWFALL														-	-																
	SN ON GND														-	-																
CHICAGO O'HARE WSO AP	SNOWFALL				T					.4	T		.1		2.2	1.5									T							
	SN ON GND									T					1	T									T							
	WTR EQUIV																															
DE KALB	SNOWFALL				T					1.0		T			2.5	2.5																
	SN ON GND				T					T					2																	
OTTAWA	SNOWFALL														1.5																	
	SN ON GND														T																	
PARK FOREST	SNOWFALL														2.0	.5																
	SN ON GND																															
* * * WEST 03																																
CANTON 1 ESE	SNOWFALL														5.0	1.0																
	SN ON GND														5																	
LA HARPE	SNOWFALL										T				3.0	2.0																
	SN ON GND														3	5																
MONMOUTH	SNOWFALL									1.0					4.0	2.0																
	SN ON GND														4																	
QUINCY FAA AP	SNOWFALL									3.0					1.4	T																
	SN ON GND														1	2																
* * * CENTRAL 04																																
DECATUR	SNOWFALL														2.0	.5																
	SN ON GND														2	3																
FARMER CITY	SNOWFALL														2.3																	
	SN ON GND														2	1																
LACON 2 E	SNOWFALL														2.5																	
	SN ON GND														3																	
LINCOLN	SNOWFALL														5.0	1.0																
	SN ON GND														5	3																
NORMAL	SNOWFALL														1.5	1.0																
	SN ON GND														1																	
PEORIA WSO AP	SNOWFALL									.3					5.5	.5																
	SN ON GND														2	4	T															
	WTR EQUIV														.4																	
* * * EAST 05																																
DANVILLE	SNOWFALL															.5																
	SN ON GND																															
HOOPESTON 1 NE	SNOWFALL										T				.5	1.0	T															
	SN ON GND														T	T																
KANKAKEE WTR POLL CTR	SNOWFALL														2.0																	
	SN ON GND														2																	
PIPER CITY 3 SE	SNOWFALL										.1				4.1	1.0																
	SN ON GND														4	2	T	T														
PONTIAC	SNOWFALL									T	T				1.5	1.0																
	SN ON GND														1	T																
URBANA	SNOWFALL														-	-																
	SN ON GND														-	-																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL									T					5.0	.6																
	SN ON GND														5																	
EDWARDSVILLE 1 NE	SNOWFALL														3.5																	
	SN ON GND														4	1																
GRIGGSVILLE	SNOWFALL														4.0	2.0																
	SN ON GND														4	4																
JACKSONVILLE 2 E	SNOWFALL														2.0	1.5																
	SN ON GND															3	1															
PANA	SNOWFALL									T					5.0	3.0																
	SN ON GND														1	3																
SPRINGFIELD WSO AP	SNOWFALL									T				.2	6.1	1.0																
	SN ON GND														3	4	T	T														
	WTR EQUIV														.9	.8																
WHITE HALL 1 E	SNOWFALL														5.0																	
	SN ON GND														5																	
EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL															T																
	SN ON GND															T																
OLNEY 2 S	SNOWFALL														T	-																
	SN ON GND																															
PARIS WATERWORKS	SNOWFALL														T	1.0																
	SN ON GND																															
TUSCOLA	SNOWFALL														2.0	1.0																
	SN ON GND																															
WINDSOR	SNOWFALL														1.5	1.0																
	SN ON GND														T																	
SOUTHWEST 08																																
ANNA 1 E	SNOWFALL												.5		T																	
	SN ON GND																															
BELLEVILLE SO ILL UNIV	SNOWFALL														3.5	.3																
	SN ON GND														1																	
CARBONDALE SEWAGE PL	SNOWFALL														T	T																
	SN ON GND														T																	
NASHVILLE 4 NE	SNOWFALL														T	1.0																
	SN ON GND														T																	
SPARTA	SNOWFALL														3.0	T																
	SN ON GND														1																	
SOUTHEAST 09																																
DIXON SPRINGS AGR C	SNOWFALL													T																		
	SN ON GND																															
HARRISBURG	SNOWFALL														T																	
	SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

ILLINOIS
APRIL 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	CITY OF ALEXIS
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION W8YS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	10P	10P		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 32	690	7A	7A		H	ROBERT H NELLIS
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD D PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR O CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE O HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE O NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT O QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DORTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD O NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	NORTHERN ILL WATER CORP
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			THEODORE W VOLDING
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	IL STATE WATER SURVEY
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	CHRISTINE YENNY
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 5[illegible]	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

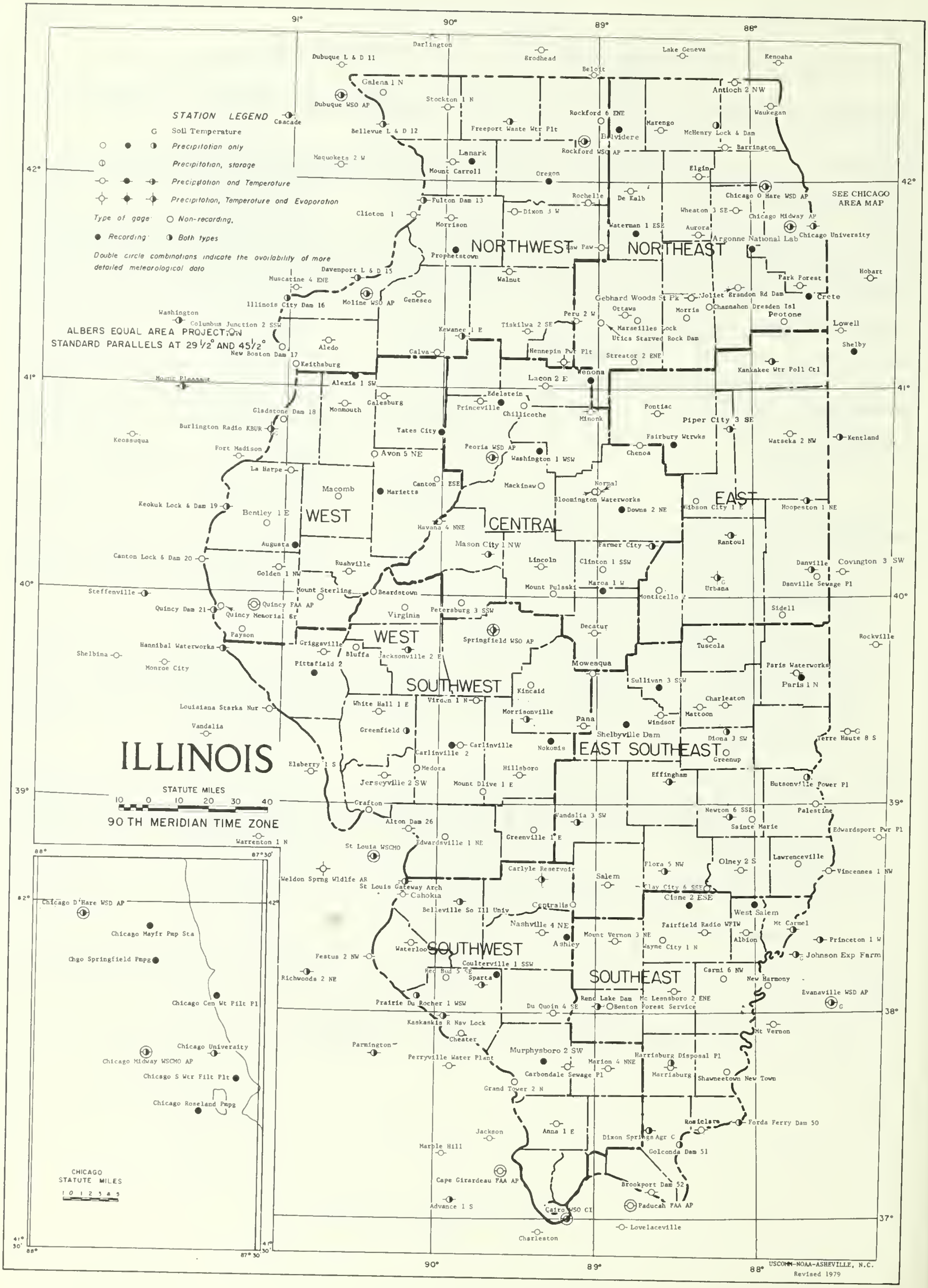
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST
SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Dubuque L & D 11
Brodhead
Lake Geneva
Kenosha
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Freeport Waste Wtr Plt
Marengo
Bellevue L & D 12
Belvidere
McHenry Lock & Dam
Rockford WSO AP
Barrington
Lanark
Maquoketa 2 W
Elgin
Mount Carroll
Oregon
Chicago O Hare WSD AP
Rochelle
De Kalb
Fulton Dam 13
Dixon 3 W
Wheaton 3 SE
Clinton 1
Chicago Midway AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Davenport L & D 15
Hobart
Walnut
Muscatine 4 ENE
Park Forest
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Geneseo
Ottawa
Morris
Channahon Dresden Isl
Illinois City Dam 16
Moline WSO AP
Peotone
Washington
Peru 2 W
Columbus Junction 2 SSW
Lowell
Kewanee 1 E
Tiskilwa 2 SE
Marseilles Lock
Aledo
Utica Starved Rock Dam
Shelby
New Boston Dam 17
Calva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Wenona
Edelstein
Galesburg
Princeville
Chillicothe
Pontiac
Gladstone Dam 18
Monmouth
Minonk
Burlington Radio KBUR
Piper City 3 SE
Yates City
Fairbury Wtrwks
Keosauqua
Watseka 2 NW
Kentland
Fort Madison
Peoria WSD AP
Chenoa
Avon 5 NE
Washington 1 WSW
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Keokuk Lock & Dam 19
Gibson City 1 E
Hoopeston 1 NE
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Augusta
Mason City 1 NW
Farmer City
Rantoul
Canton Lock & Dam 20
Lincoln
Rushville
Clinton 1 SSW
Danville
Covington 3 SW
Golden 1 NW
Danville Sewage Pl
Maroa 1 W
Steffenville
Mount Sterling
Mount Pulaski
Urbana
Beardstown
Monticello 2
Quincy Dam 21
Quincy FAA AP
Petersburg 3 SSW
Sidell
Virginia
Quincy Memorial Br
Decatur
Payson
Springfield WSO AP
Griggsville
Rockville
Hannibal Waterworks
Bluffs
Tuscola
Jacksonville 2 E
Shelbina
Moweaqua
Pittsfield 2
Monroe City
Paris Waterworks
Sullivan 3 SSW
Kincaid
Paris 1 N
Charleston
White Hall 1 E
Virden 1 N
Louisiana Starks Nur
Morrisonville
Mattoon
Pana
Windsor
Vandalia
Shelbyville Dam
Greenfield
Diona 3 SW
Terre Haute 8 S
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Butsonville Power Pl
Mount Olive 1 E
Crafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Warrenton 1 N
Edwardsport Pwr Pl
Greenville 1 E
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Carlyle Reservoir
Flora 5 NW
Salem
Vincennes 1 NW
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
West Salem
Belleville So Ill Univ
Centralia
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Mount Vernon 3 NE
Albion
Princeton 1 W
Ashley
Wayne City 1 N
Festus 2 NW
Waterloo
Johnson Exp Farm
Coulterville 1 SSW
Red Bud 5 SE
Carmi 6 NW
Richwoods 2 NE
Sparta
New Harmony
Evansville WSD AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Parmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Forda Ferry Dam 50
Jackson
Anna 1 E
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Cairo WSO CI
Paducah FAA AP
Lovelaceville
Charleston
88°
87°30'
42°
41° 30'
Chicago O'Hare WSD AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
0 1 2 3 4 5
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS

BULK RATE

MAY 1980 VOLUME 85 NUMBER 5

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	HAVANA 4 NNE	92	DATE 30
LOWEST TEMPERATURE:	MOUNT CARROLL	25	DATE 09
GREATEST TOTAL PRECIPITATION:	GLADSTONE DAM 18	5.39	
LEAST TOTAL PRECIPITATION:	WATSEKA 2 NW	.86	
GREATEST 1 DAY PRECIPITATION:	ALEDO	2.86	DATE 17

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	43	SW	13	-	-	-	-	1	3	5	2	0	0	11	51	-
CHICAGO O HARE WSO AP	4	1.8	8.3	29++	25	13	75	81	48	53	5	4	4	1	1	0	15	-	5.6
MOLINE WSO AP	12	0.8	8.4	36	SW	05	70	78	47	47	5	9	3	0	2	0	19	55	5.5
PEORIA WSO AP	5	0.6	7.4	28	W	17	70	78	52	52	4	2	3	2	0	0	11	54	6.1
ROCKFORD WSO AP	5	2.0	9.5	29++	22	30	72	77	47	50	5	6	3	2	0	0	16	-	5.5
SPRINGFIELD WSO AP	21	0.8	8.7	28++	30	13	77	83	55	55	4	2	4	0	1	0	11	67	6.0

CLEMSON UNIVERSITY LIBRARY
SEP 11 1980
SCI., TECH & AGR. DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * * NORTHWEST 01																								
ALEDO	76.1	M	M		89	5					0	0	0	0	4.38	.61	2.86	17	.0	0		4	2	1
DIXON 3 W	73.4	48.5	61.0	.0	88	6	31	9	170	50	0	0	1	0	2.01	- 1.68	.60	30	.0	0		6	2	0
FREEPORT WASTE WTR PLT	73.5	47.7	60.6		89	28	31	9	181	52	0	0	1	0	2.16		.64	29	.0	0		5	2	0
FULTON DAM 13	73.0	51.3	62.2	.9	87	6	38	10+	142	61	0	0	0	0	2.82	- .90	1.51	18	.0	0		5	2	1
GALVA	73.8	51.1	62.5	.8	88	6	35	9+	139	67	0	0	0	0	3.35	- .70	.94	30	.0	0		9	2	0
GENESEO	74.8	51.4	63.1		88	27	35	9	121	70	0	0	0	0	4.39	.55	1.57	24	.0	0		5	3	2
HENNEPIN POWER PLANT	75.4M	48.5M	62.0M		89	29+	29	9	152	64	0	0	2	0	1.57		.42	18	.0	0		6	0	0
KEWANEE 1 E	73.3	49.7	61.5	- .3	87	28+	29	9	156	56	0	0	1	0	2.88	- 1.18	1.40	30	.0	0		4	3	1
MOLINE WSO AP R	75.4	50.0	62.7	1.6	88	27	31	9	129	65	0	0	1	0	4.01	.09	1.57	17	.0	0		5	2	2
MORRISON	73.8	48.3	61.1	.0	87	29+	30	9	167	53	0	0	3	0	2.97	- 1.19	1.01	18	.0	0		5	2	1
MOUNT CARROLL	73.3	44.5M	58.9M	- 1.2	88	6	25	9	230	41	0	0	3	0	3.23	- .87	1.82	29	.0	0		6	2	1
PAW PAW	72.4	47.3	59.9		86	26+	26	10	197	44	0	0	4	0	3.35	- .48	1.43	30	.0	0		7	2	1
ROCHELLE	73.5	47.5M	60.5M		89	30+	30	9	186	62	0	0	1	0	2.51		.82	18	.0	0		7	2	0
ROCKFORD WSO AP //R	73.8	47.3	60.6	1.8	87	28+	29	9	184	52	0	0	2	0	2.37	- 1.49	.78	29	.0	0		5	2	0
STOCKTON 1 N	72.0	46.9	59.5		88	6	29	9	206	40	0	0	2	0	3.51		1.42	29	.0	0		6	2	2
TISKILWA 2 SE	M	48.0M	M		89	5	29	7			0	0	2	0	1.45	- 2.50	.40	17	.0	0		6	0	0
WALNUT	75.6	50.9	63.3	1.5	87	28+	32	9	124	78	0	0	1	0	2.83	- 1.00	1.22	29	.0	0		6	1	1
DIVISION			61.3	.5											2.93	- .94			.0					
* * * NORTHEAST 02																								
ANTIOCH 2 NW	70.5	45.1	57.8	.1	87	6	32	10+	240	24	0	0	2	0	1.80	- 1.73	.44	31	.0	0		5	0	0
AURORA	73.8	48.4	61.1	2.0	88	28+	32	9	162	48	0	0	1	0	2.70	- .87	.87	29	.0	0		5	3	0
BARRINGTON	70.8M	46.9M	58.9M		85	28+	33	9	215	32	0	0	0	0	2.75		.95	29	.0	0		5	2	0
CHICAGO O'HARE WSO AP R	71.9	47.5	59.7	1.3	88	5	35	9	198	43	0	0	0	0	3.22	- .19	1.38	28	.0	0		6	2	1
CHICAGO UNIVERSITY //	70.9	51.0	61.0	2.4	88	6	41	8+	178	60	0	0	0	0	3.19	- .43	1.03	30	.0	0		6	3	1
CHICAGO MIDWAY AP //R	M	M	M		90	29+					2	0		0			2.80	28	.0	0				
DE KALB	75.8	48.8M	62.3M	2.8	88	25	30	9	141	63	0	0	1	0	3.44	- .27	1.41	29	.0	0		5	2	2
ELGIN	71.0	47.8M	59.4M		85	6	33	10	205	40	0	0	0	0	3.02	- .55	1.26	29	.0	0		6	1	1
GEBHARD WOODS ST PARK	74.8M	48.1M	61.5M		89	29	32	9	162	61	0	0	1	0	4.35		1.34	29	.0	0		8	2	1
JOLIET BRANDON RD DAM	73.7	48.5	61.1	.5	88	29+	34	9	163	49	0	0	0	0	4.17	.48	1.23	31	.0	0		7	4	1
MARENGO	72.6	46.3	59.5	.7	88	6	31	9	206	41	0	0	2	0	4.20	.80	1.57	29	.0	0		7	3	1
OTTAWA	78.4M	51.9M	65.2M	3.1	91	28	34	9	83	95	2	0	0	0	3.35	- .24	1.30	17	.0	0		5	2	2
PARK FOREST	71.7	50.2	61.0		88	29	34	9	179	60	0	0	0	0	3.35	- .67	1.50	29	.0	0		5	3	1
PERU 2 W																								
WAUKEGAN	67.7	44.6	56.2	- .7	87	6	32	8	284	20	0	0	1	0	1.56	- 1.84	.40	29	.0	0		5	0	0
WHEATON 3 SE	75.3	46.3	60.8		89	4	30	9	168	42	0	0	1	0	2.85	- .74	1.31	29	.0	0		4	2	1
DIVISION			60.4	.7											3.14	- .44			.0					
* * * WEST 03																								
GALESBURG	74.5	50.3	62.4		88	29	35	9	138	63	0	0	0	0	2.66	- 1.19	1.26	18	.0	0		7	1	1
GOLDEN 1 NW	77.4	52.9	65.2		90	4	33	8	79	90	1	0	0	0	3.43	- .24	1.40	17	.0	0		7	2	1
LA HARPE	77.1	52.3	64.7	1.9	90	29	34	8	88	86	1	0	0	0	2.29	- 1.34	.99	18	.0	0		6	1	0
MONMOUTH	76.0	51.8	63.9	1.8	90	5	33	8	106	78	1	0	0	0	3.42	- .50	.87	17	.0	0		7	3	0
QUINCY FAA AP	74.8	56.4	65.6		88	29+	41	8	80	106	0	0	0	0	3.91	- .16	1.56	12	.0	0		5	2	2
QUINCY DAM 21 //	75.0	51.7	63.4		88	30+	34	10	113	69	0	0	0	0	2.61	- 1.06	.85	13	.0	0		7	2	0
RUSHVILLE	76.7	52.4	64.6	1.3	90	29+	35	9	95	89	2	0	0	0	3.09	- 1.10	1.77	13	.0	0		8	1	1
DIVISION			64.3	1.3											3.06	- .92			.0					
* * * CENTRAL 04																								
CHENOA	75.1	51.2	63.2		90	29	35	9	116	65	1	0	0	0	3.09		1.06	13	.0	0		7	2	1
DECATUR	78.8	50.8	64.8	.9	89	29+	29	9	80	82	0	0	1	0	1.77	- 2.56	.59	16	.0	0		5	1	0
FARMER CITY	76.2M	51.7M	64.0M		89	29+	36	9	95	69	0	0	0	0	2.70		.82	13	.0	0		5	2	0
HAVANA 4 NNE	75.9	51.1	63.5		92	30	33	9	116	78	1	0	0	0	2.29	- 1.49	.98	13	.0	0		6	2	0
LACON 2 E	77.6	51.6	64.6		88	29+	33	9	79	78	0	0	0	0	3.08		1.15	13	.0	0		9	1	1
LINCOLN	76.9	53.2	65.1	1.5	89	29	36	9	83	91	0	0	0	0	2.13	- 1.84	.61	13	.0	0		6	2	0
MASON CITY 1 NW	76.6	51.4	64.0		88	29+	34	9	94	72	0	0	0	0	2.12		1.03	13	.0	0		5	1	1
MINONK																								
NORMAL	76.3	52.3	64.3	1.2	89	30+	34	9	94	81	0	0	0	0	3.44	- .63	1.48	24	.0	0		6	2	1
PEORIA WSO AP //R	74.2	51.8	63.0	1.5	90	29	34	9	123	70	1	0	0	0	2.05	- 1.82	.58	17	.0	0		5	2	0
PRINCEVILLE	76.3	50.5	63.4		89	5	30	9	110	68	0	0	1	0	2.81	- .96	.55	19	.0	0		10	1	0
DIVISION			64.0	1.2											2.55	- 1.42			.0					
* * * EAST 05																								
DANVILLE	78.2	51.4	64.8	2.3	91	29+	33	9	87	88	2	0	0	0	1.72	- 2.84	.64	30	.0	0		6	1	0
HOOPESTON 1 NE	75.9	52.2	64.1	2.0	90	29+	37	9	100	79	2	0	0	0	1.43	- 2.65	.62	13	.0	0		4	1	0
KANKAKEE WTR POLL CTR	74.5	48.4	61.5		90	29	35	9	151	46	1	0	0	0	3.35		1.10	18	.0	0		4	3	1
PIPER CITY 3 SE	76.8	50.7	63.8	2.4	91	29+	33	9	106	78	2	0	0	0	2.92	- 1.12	.95	18	.0	0		8	1	0
PONTIAC	76.2	52.9	64.6	2.3	89	29+	36	9	89	84	0	0	0	0	5.10	1.14	1.65	29	.0	0		6	4	3
RANTOUL	74.3	52.5M	63.4M		90	30	37	9	120	71	1	0	0	0	1.98	- 1.85	.65	13	.0	0		7	1	0
URBANA	75.3	53.6	64.5	1.9	89	28	39	9	94	83	0	0	0	0	3.76	- .39	.83	12	.0	0		7	3	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	74.5	49.6	62.1		91	31+	34	9	144	61	3	0	0	0	.86	- 3.68	.30	12	.0	0		3	0	0
DIVISION			63.6	1.6											2.64	1.53			.0					
* * *																								
WEST SOUTHWEST 06																								
ALTON DAM 26	75.3	55.2	65.3		88	29	42	8	77	93	0	0	0	0	3.45		.87	18	.0	0		7	3	0
CARLINVILLE	78.0	52.3	65.2	1.1	88	30+	35	9	76	90	0	0	0	0	3.31	- .98	.70	16	.0	0		7	4	0
GRIGGSVILLE	75.6	54.5	65.1	.7	88	29	36	8	75	86	0	0	0	0	2.78	- 1.61	1.10	18	.0	0		6	2	1
HILLSBORO	78.2	54.4	66.3	2.0	89	29+	38	8	64	111	0	0	0	0	2.14	- 2.50	.70	17	.0	0		3	3	0
JACKSONVILLE 2 E	74.3	49.0	61.7	- 2.4	87	31+	34	9+	149	54	0	0	0	0	3.21	- 1.20	1.96	24	.0	0		5	1	1
JERSEYVILLE 2 SW	74.6	49.8	62.2		86	31+	29	9	133	55	0	0	1	0	2.56		.64	18	.0	0		7	2	0
MORRISONVILLE	74.5M	50.8	62.7M		87	6	32	9	128	68	0	0	1	0	4.34		1.25	18	.0	0		6	4	1
PANA	74.9	54.4	64.7	.5	84	28+	39	9	81	77	0	0	0	0	4.11	.26	1.24	18	.0	0		7	4	1
SPRINGFIELD WSO AP R	76.3	52.9	64.6	1.2	90	30+	35	9	95	88	2	0	0	0	2.22	- 1.32	1.08	23	.0	0		5	1	1
VIRDEN 1 N	77.4	52.5	65.0		88	31+	39	14+	75	80	0	0	0	0	2.08	- 2.09	.77	23	.0	0		6	1	0
WHITE HALL 1 E	78.2	52.9	65.6	1.2	89	31+	35	9	65	90	0	0	0	0	2.09	- 2.16	.62	23	.0	0		7	2	0
DIVISION			64.4	.1											2.94	- 1.33			.0					
* * *																								
EAST SOUTHEAST 07																								
CHARLESTON	75.7	53.2	64.5	.5	86	28	34	9	89	77	0	0	0	0	1.66	- 2.51	.43	18	.0	0		6	0	0
EFFINGHAM 3 W	73.4	50.8	62.1	- 1.8	85	29	32	9	129	49	0	0	1	0	3.04	- 1.38	.90	23	.0	0		7	3	0
FLORA 5 NW	77.4	52.0	64.7	- .6	87	31	32	9	82	79	0	0	1	0	2.18	2.76	.72	23	.0	0		6	1	0
MATTOON	75.8	53.8	64.8		89	25	37	9	82	85	0	0	0	0	1.88		.43	16	.0	0		7	0	0
MOWEAQUA	76.5	53.9	65.2		88	29	33	9	69	82	0	0	0	0	3.87		1.02	25	.0	0		7	4	1
NEWTON 6 SSE	75.0	53.1	64.1		87	29	34	9	95	74	0	0	0	0	2.81	- 1.43	.54	30+	.0	0		7	2	0
OLNEY 2 S	77.6	53.5	65.6	.4	88	31	32	9	69	92	0	0	1	0	1.84	- 2.81	.75	23	.0	0		5	1	0
PALESTINE	76.5	54.2	65.4	.4	88	31+	34	9	76	93	0	0	0	0	2.19	- 2.23	.73	11	.0	0		5	1	0
PARIS WATERWORKS	76.0	51.8	63.9	.2	88	29	35	9	95	68	0	0	0	0	1.84	2.51	.59	12	.0	0		6	1	0
SALEM	77.9	54.7	66.3		89	28	35	9	64	110	0	0	0	0	3.04		1.36	23	.0	0		6	1	1
TUSCOLA	77.9	53.6	65.8		90	29+	37	9	68	100	2	0	0	0	2.29	- 1.90	.67	30	.0	0		7	1	0
WINDSOR	76.2	54.0	65.1	1.4	85	29+	38	9	74	85	0	0	0	0	2.17	- 2.12	.81	11	.0	0		6	1	0
DIVISION			64.8	.6											2.40	- 2.02			.0					
* * *																								
SOUTHWEST 08																								
ANNA 1 E	78.6M	55.7M	67.2M	.8	88	28	39	9	50	125	0	0	0	0	2.06	- 3.28	.68	17	.0	0		6	1	0
BELLEVILLE SO ILL UNIV	77.6	51.4	64.5		88	31	32	9	88	82	0	0	1	0	2.77		1.12	16	.0	0		5	3	1
CAHOKIA																								
CAIRO WSO CI R	78.6	60.3	69.5	.2	90	28	43	9	28	174	1	0	0	0	3.10	- 2.08	.65	29	.0	0		7	2	0
CARBONDALE SEWAGE PL	77.4	51.3	64.4	- 2.2	87	29	31	9	90	80	0	0	1	0	3.26	- 1.32	1.61	13	.0	0		7	1	1
CARLYLE RESERVOIR	75.2	54.2	64.7	- .8	88	29	35	9	82	83	0	0	0	0	3.01	- 1.25	1.02	23	.0	0		5	2	1
DU QUOIN 4 SE	77.2	53.7	65.5	- .8	87	31+	34	9	77	98	0	0	0	0	2.26	- 1.88	1.18	12	.0	0		4	1	1
KASKASKIA R NAV LOCK	76.5M	53.2	64.9M		89	29	36	9	81	96	0	0	0	0	2.03		.66	17	.0	0		5	2	0
MARION 4 NNE	76.4	51.6	64.0		89	29	33	9	91	68	0	0	0	0	2.82	- 1.40	1.18	13	.0	0		5	2	1
NASHVILLE 4 NE	76.6	55.8	66.2		87	31+	41	9+	64	108	0	0	0	0	2.30	- 2.19	1.09	18	.0	0		4	1	1
SPARTA	79.0	54.5	66.8	.3	89	31+	36	9+	59	121	0	0	0	0	2.67	- 1.87	.93	17	.0	0		5	1	0
WATERLOO	76.3	54.3	65.3		89	29	35	9	79	94	0	0	0	0	4.12	- .45	1.22	24	.0	0		8	3	1
DIVISION			65.7	- .7											2.76	- 1.86			.0					
* * *																								
SOUTHEAST 09																								
ALBION	79.9	57.4M	68.7M		90	31+	40	9	42	161	2	0	0	0	2.59	- 2.17	1.00	23	.0	0		3	2	1
BROOKPORT DAM 52	78.3	53.7	66.0		88	28	34	9	65	103	0	0	0	0	1.92	- 2.73	.64	23	.0	0		6	1	0
DIXON SPRINGS AGR C	77.5	53.7	65.6		86	29+	33	9	69	94	0	0	0	0	3.03		.59	12	.0	0		6	3	0
FAIRFIELD RADIO WFIW	77.5	54.3	65.9	.4	87	31	33	9	67	102	0	0	0	0	3.13	- 1.80	1.21	23	.0	0		6	2	1
HARRISBURG	79.4	55.0	67.2	- .1	91	28	35	9	52	130	1	0	0	0	2.26	- 2.56	.60	12	.0	0		5	3	0
MC LEANSBORO 2 ENE	76.0	53.9	65.0	- 1.6	86	29	32	9	86	94	0	0	1	0	3.43	- .90	1.09	23	.0	0		6	3	1
MT CARMEL	76.8	52.5	64.7		87	29+	35	10	87	83	0	0	0	0	2.72		.82	13	.0	0		4	3	0
MT VERNON 3 NE	76.4	52.0M	64.2M	- 1.6	87	31	31	9	104	83	0	0	1	0	3.70	- .66	1.22	23	.0	0		7	2	1
REND LAKE DAM	77.1M	54.6	65.9M		88	29	39	9	60	107	0	0	0	0	4.87		1.77	13	.0	0		7	3	2
ROSICLARE	77.0	52.8	64.9		85	28	34	9	77	85	0	0	0	0	2.86	- 1.76	.50	14	.0	0		7	1	0
DIVISION			65.8	- .6											3.05	- 1.63			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	4.38										.03			.20			.13	2.86	.04	.07				.08						.92	.05	
DIXON 3 W	2.01		T									.02		.14		.22		.12	.22		.04				.07					.58	.60	
FREEPORT WASTE WTR PLT	2.16	T									.15			T	.02	.24		.02	.47	.06					T	.03				.64	.51	.02
FULTON DAM 13	2.82										.03	.02		.06		.31		.03	1.51						T	.01			.11	.51	.23	T
GALENA 1 N	4.79						T				.08	.05		.01	.16	.25		.08	.83	.04	.02					.59				2.22	.16	.30
GALVA	3.35	.01									.07	T		.45		.03		.10	.55	.12	.36	T		.03	.28	.18				T	.94	.23
GENESEO	4.39		T			T					.03	T	.30		.03	.06	.07	.63	.10	T	T			.06	1.57					1.51	.03	
HENNEPIN POWER PLANT	1.57										.40			.02		05		.14	.42	.12				.01	.04	.01				.06	.20	.10
ILLINOIS CITY DAM 16 //	2.08	T					T				.05	T		.16	T	.06		.10	1.00						.01					.28	.42	
KEITHSBURG	4.63	.01									.03			.14				.54	1.20	.14				.01	.14					*	*	2.42
KEWANEE 1 E	2.88										.07		.01	.55	T	T		.04	.51	.20	.02			.02	.04					.02	1.40	
MOLINE WSO AP R	4.01		.01	T		T				T	.01	.02	.35	T	.06	.01	.14	1.57	.02		.02			.04	T				.44	1.24	.08	
MORRISON	2.97										.02	.06		.18		.25		.08	1.01	T					.03					.88	.40	.06
MOUNT CARROLL	3.23										.11	T		.05		.20		.09	.58		.24				T	T				1.82	.14	T
NEW BOSTON DAM 17	4.82													.17				.20	1.48	.02					.10	T				2.73	.12	
PAW PAW	3.35										.02			.13		.12		.18	.78						.03	.37				.29	1.43	
ROCHELLE	2.51											.10		.22		.12		.10	.82	T						.04				.78	.24	.09
ROCKFORD 6 ENE	2.73										.02			.06	T	.14		T	.76	.65					T	.03				.70	.33	.04
ROCKFORD WSO AP //R	2.37	T				T					.02		.05	T	.10	.06	.03	.67	.16	.08				T	T				.36	.78	.06	
STOCKTON 1 N	3.51										.10			T	.12	.30	.05	1.09	.33											1.42	.05	.05
TISKILWA 2 SE	1.45										.02		T	.17		.02	.10	.40	.02	.09						.26		.01	.22	.14		
WALNUT	2.83													.37		.09	.13	.41	.04	.04				.07	.06	.14			T	1.22	.26	
* * * NORTHEAST 02																																
ANTIOCH 2 NW	1.80											.03	.01	.20	T	.05		.02	.37	.05					T					.33	.30	.44
AURORA	2.70						T					.04	.02	.29		.07		.18	.60											.87	.63	
BARRINGTON	2.75						T						.02	.33	.03	.04		.05	.64	.08										.95	.41	.20
CHANNAHON DRESDEN ISL	3.89										.02			.72		.02		.33	.55	.04					.01					1.52	.30	.38
CHICAGO O'HARE WSO AP R	3.22	T				T					.12	T	.33	T		.01	.05	.20	.01	.06				T					1.38	.91	.15	
CHICAGO UNIVERSITY //	3.19											.08	.21	.70		.02		.16	.18	T					T					.81	1.03	
CHICAGO MIDWAY AP //R	-					T							.23	.70	T	.16	-	-		T									2.80	.35	.30	
DE KALB	3.44										.04		.12	.06	T	.09	.11	.48						.01	T				1.03	1.41	.09	
ELGIN	3.02											T		.32	.03	.03		.40	.40	.36										1.26	15	.07
GEBHARD WOODS ST PARK	4.35										.06	T		.34		T		.33	.66	.07	.32				.07	.43	T			1.34	.27	.46
JOLIET BRANDON RD DAM	4.17										T	T	.01	.62		.02		.31	.74	.16	.03				.05					.80	.20	1.23
MARENGO	4.20													.21		.12		.20	.42	.86										1.57	.77	.05
MARSEILLES LOCK	3.29										.02	.01	.01	.70		T		.28	.87	.20	.01			T	.05	T				.84	.18	.12
MC HENRY LOCK AND DAM	2.09						T				T	T		.21	T	.08		.02	.80	.13										.61	.19	.05
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	3.35										.03		.15	.48			.10	1.30		.07				.03	.07					1.03	.09	
PARK FOREST	3.35										.05	.03		.63		T		.33	.53	.02					T					1.50	.05	.21
PEOTONE	4.02											T	T	.60				.26	1.06						.16					1.76	.02	.16
PERU 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STREATOR 2 ENE	3.18					.01					.04		.01	.55		T	.10	1.35	.03					.03	.26				.25	.54	.01	
UTICA STARVED ROCK DAM	3.42								T		.04		.09	.33		.02		.22	1.62	.03	.02			T	.07	.13				.63	.14	.08
WAUKEGAN	1.56	T	T									.01	T	.31	.01	.04	T	.04	.26	.03	T									.40	.14	.32
WHEATON 3 SE	2.85												.04	.31					.78											1.31	.41	
* * * WEST 03																																
AVON 5 NE	1.14						T				.04			.22				.19	.05	T				T	.22	.20						.22
BENTLEY 1 E	1.91					T	.03				T	T	.02	.42			.26	.40		.01	T			.26	.01				.22		.28	
CANTON 1 ESE	2.92										.70	T		.50	.20	T	.12	.79		.13				.18	.05	.05			T		.20	
GALESBURG	2.66						T				.05			.22	T			.14	1.26	.08	.13			.01	.16					.31	.30	
GLADSTONE DAM 18	5.39										T			.23				.16	1.79	.17				T	.24					.15	.05	2.60
GOLDEN 1 NW	3.43												.18	.66			.14	1.40	.04					.36					.28		.37	
LA HARPE	2.29						.02				.05	.02		.24				.36	.99	.15				T	.18				T		.28	
MACOMB	1.93						.02				.02	T	T	.62				.20	.61	T				.03	.13					T		.30
MONMOUTH	3.42					T					T		.04	.37			.12	.87	.72	.73				.17						.03	.37	
MOUNT STERLING	4.60					T	T					.12	.18	1.74			.20	.34		T				.60						.04	1.38	
PAYSON	3.82		T			T						T	.17	2.49				.17	.56	T				T	.33				T	T	.10	
QUINCY FAA AP	3.91				T	T					.24		1.56				.20	1.48	.01					.07							.27	.08
QUINCY DAM 21 //	2.61											.04	.10	.85				.20	.65			.12		T	.35				T	T	.30	T
QUINCY MEMORIAL BRIDGE	3.17											.15	.08	1.00				.34	.81	T				.01	.37				T	.10	.31	T
RUSHVILLE	3.09						T					.10	.12	1.77			.16	.39	.03	.01	.11			.24							.16	
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	3.44	T									T		.19	.69				.33	.18	.01	T			.09		1.95					T	
CHENOA	3.09										T	.01	.02	1.06			.10	.92	.11	T	.24			.19							.44	
CHILLICOTHE	2.98										.07			1.70				.20	.40	.02	.01			.03	.13	.07					.35	
CLINTON 1 SSW	2.90						T				T	.02	.33	.74				.33	.75	.02	.17			.07	.15	.01						.31
DECATUR	1.77										T	T	.32				.59	.07	.44	T				14	.15	.01					.05	
FARMER CITY	2.70										T	.02	.42	.82				.38	.66					.09	.26							.05
HAVANA 4 NNE	2.29	T	T				T				T	T	.20	.98				.24	.63	T	T			T	.14				T			.10
LACON 2 E	3.08										.11		.04	1.15			.19	.43	.10	.03	.08			.12	.36				.08	.28	.11	
LINCOLN	2.13										T	.06	.16	.61				.28	.58	T	.14			T	.24							.06
MACKINAW	3.47												.06	1.59			.30	.10	.09					.28	.45						.60	
MASON CITY 1 NW	2.12										T	.05	.29	1.03			.21	.02	T	T				.18	.03						.31	
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT PULASKI	2.50												*	1.25				.28	.12					*	.70						*	.15
NORMAL	3.44										T	.04	.24	.80			.09	.28	.17	.04				.27	1.48						.03	
PEORIA WSO AP //R	2.05					T					.04		.50				.24	.58	T	T				.42	.06				T		.21	
PETERSBURG 3 SSW	2.97											.65	.52	1.07				.30	.05					.10	.23							.05
PRINCEVILLE	2.81										.10			.25			.08	.39	.17	.55	.01			.14	.32	.26			.03	.37	.14	
* * * EAST 05																																
DANVILLE	1.72			T									.41	.10			.08	.11	.20	.03	.05			.10							.64	
DANVILLE SEWAGE PLANT	1.68												.15	.53				.11	.32		.14			.05	.06	.06					.05	.21
GIBSON CITY 1 E	1.75											.05	T	.60				.27	.52					.05	.14	.04				T		.08
HOOPESTON 1 NE	1.43				T			T				T	.21	.62				.18	.27	T	T			.05	.06	.01					T	.03
KANKAKEE WTR POLL CTR	3.35											.09	.05	.79				.34	1.10	.05						.08				.75	.04	.06
MONTICELLO 2	3.27											.07	.10	.68				.51	.93					.16	.21							.61
PIPER CITY 3 SE	2.92	.01						T				.06	.25	.42				.17	.95	.11				.05	.13	.47				.24	.02	.04
PONTIAC	5.10						T				T	.02	.02	.53				.23	1.17	.04	.03			.05	.04	1.05				1.65	.02	.25
RANTOUL	1.98							T					.30	.65				.24	.30					.05	.20	.13						.11
SIDELL	2.20											.10	T					.11	.48					.13	.16	.87					.05	.30
URBANA	3.76			T							T	.04	.83	T			.22	.81	T	.21				.41	.82						.42	
WATSEKA 2 NW	.86											T	.30					.15		.09				.03	.03	.04						.22
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	3.45											.18	.02	.17				.73	.87					.23	.80							.45
BEARDSTOWN	4.30										T	.67	.12	2.20				.69	T	.08				.15	.17							.22
BLUFFS	3.81												.64	.37			.32	.40	.45	1.29											.34	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	3.31						T				.12	.60	.62				.70	.04	.27		T			.56	.03						.37	T
EDWARDSVILLE 1 NE	2.12						.13					.12		.19				.74	.28					.23	.16							.27
GRAFTON	2.27										T	.18	.04	.07				48	.40	.03				.12	.60							.35
GREENFIELD	2.70						T					.61	.11	.02				T	1.27	T				.38	.25							.06
GREENVILLE 1 E	4.09						.39					.72		.18				.60	1.18	T				.82	T							20
GRIGGSVILLE	2.78						T					.05	.22	.80					1.10					.16	.32							.13
HILLSBORO	2.14						T					.08	.53	.02				.70	.07	T		T		T	.68							.06
JACKSONVILLE 2 E	3.21	T									T	T	.06	.32				.27	.14	T				.39	1.96							.07
JERSEYVILLE 2 SW	2.56											.44	.33	.02	T	.01		.55	.64					.11	.24							.22
KINCAID	2.79				T							.49	.67					.70	.16	T				.67								.10
MEDORA	2.87						.03	T	.14		.16		.40				.53	40	.03					.58	.05						.55	
MORRISONVILLE	4.34											.43	.98	T				.63	1.25	T	T			.73	.02	T						30
MOUNT OLIVE 1 E	3.74						.15					.52	.41	.15				.82	.83	T				.48								.38
PANA	4.11	T			T		T					.51	.43	.01				.72	1.24	.02				.82	.13						T	.23
SPRINGFIELD WSO AP R	2.22										.33	.11	.25	T			.39	T	T					1.08	T						.04	.02
VIRDEN 1 N	2.08											.36	.32	T				.36	.10					.77	.12							.05
VIRGINIA	4.31										T	.29	.61	1.56				.17	.53	T	T			.07	.88						.15	.05
WHITE HALL 1 E	2.09	T									.05	.10	.07	T			.50	.19	.17	T	.01			.62	.25						.13	
EAST SOUTHEAST 07																																
CHARLESTON	1.66						T				T	.21	.20	.05				42	43	T				.25	.10					T		T
CLAY CITY 6 SSE	2.13											.02		.42				.40	.37	.17				.65							.10	
DIONA 3 SW	2.54											.99		.14				.35	.41					.65								
EFFINGHAM 3 W	3.04	.01					T					.62	.10	.13				.30	.51	.01				.90	.01	T					T	45
FLORA 5 NW	2.18										T	.06	.43				.34	.18	.22					.72	.07					T	.16	
GREENUP	2.89											.51		.18				.38	1.08	.02				.32	.08	.04					.04	.24
HUTSONVILLE POWER PL	1.90											.33	T	.34				.36	.38	.03	.01			.20	.07						.03	.15
LAWRENCEVILLE	1.86											T		.59				.34	.12	.40				.31	.08						.01	01
MATTOON	1.88										.05	.31	.26				.43	.16	T			.02		.24	.15						.26	
MOWEAQUA	3.87					T	T				T	.36	.62	T			.56	.15	.03	.07				.33	T	1.02					.73	T
NEWTON 6 SSE	2.81												.24	.25				.54	45	.07		T		.45		.01					.54	.26
OLNEY 2 S	1.84											.04	.35				.26	.11	.29					.75							.04	
PALESTINE	2.19											.73	.40				.49	.11	.08	.02				.30	T					.02	.04	
PARIS WATERWORKS	1.84										T	.09	.59	.02			.10	.20	.02	T				.38	.14					T	.30	
SAINTE MARIE	2.04											.05	.09	.33				.46	.44	.06				.33	.07	T					.08	.13
SALEM	3.04						.04				T	.01	.37				45	.32	.27					1.36	.03						.19	
TUSCOLA	2.29						.05					.10	.38				.41	.11	.22					.25	.05	.05					.67	
WINDSOR	2.17					.16					T	.81	.15				.33	.18	.07					.40							.07	
SOUTHWEST 08																																
ANNA 1 E	2.06						T						.40				.24	.68					.06	.31						.24	.13	
BELLEVILLE SO ILL UNIV	2.77						.03				.07		.26				1.12	.53					T	.61							.15	
CAHOKIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAIRO WSO CI R	3.10												.34	.38			.37	.64	.03	T			.22	.05						.65	.05	.37
CARBONDALE SEWAGE PL	3.26	T					T		T					1.61			.20	.02	.17	.27				.31	T	T					.44	.24
CARLYLE RESERVOIR	3.01						.08					.02		.25				.49	.82	.01				1.02		.02						.30
CENTRALIA	2.71						.12							.60				.34	.10	.02				1.27								.26
CHESTER	2.24						.04							.76			.18	.40	.15	.05				.33	.03							.30
DU QUOIN 4 SE	2.26						.03				.15		1.18				.33	.04	T				.46	.07								
GRAND TOWER 2 N	3.60													1.83			.13	.18		.54				.31	52							.09
KASKASKIA R NAV LOCK	2.03	.01					.02							.52			.07	.66	.10	.04				.23	.06	.04						.28
MARION 4 NNE	2.82													1.18	.05		.08	.21	.02	.11				.44	.06						.05	.62
NASHVILLE 4 NE	2.30						.03					.01		.48			T	.17	1.09	.01				40	.05							.06
PRAIRIE DU ROCHER 1WSW	3.38						.11		T			.10		.68			.07	.85	.40	.03				.25	.35						.14	.40
RED BUD 5 SE	3.72				T		T					.15		.71				.91	.95				T	.30	T	.25						.45
SPARTA	2.67							T			.06		.47				.41	.93	.02	.03			.01	.39	.01						.34	
WATERLOO	4 12						.08					.10	.05	.25			.21	.77	.57	.01				.45	1.22							.41
SOUTHEAST 09																																
ALBION	2.59												.95				.40	.08	.07	.07				1.00							.02	
BENTON FOREST SERVICE	3.05													1.15				.27	.22	.04				.57	.41						.33	.06
BROOKPORT DAM 52	1.92	T					.02							.34	.06		T	.33	.10	.13				.64	.03						.21	.06
CARMI 6 NW	3.78													1.34	.06			.51	.06	.04				1.24	.53							
DIXON SPRINGS AGR C	3.03												.59				.46	.01	.56				T	.57	.34					47	.03	
FAIRFIELD RADIO WFIW	3.13					.04							.70				.37	.30	.21	.18				1.21	.02					.04	.06	
GOLCONDA DAM 51	2.19						.07							.25	.25		T	.34	.15	.08				.58	.07						.40	T
HARRISBURG	2.26							T					.60	.05			.50	.04	T				.08	.53						.12	T	.34
HARRISBURG DISPOSAL PL	2.82						T							.65	.10		.04	.46	.11	T				.53	.06						.11	.76
MC LEANSBORO 2 ENE	3.43								T					.79				.45	.03	.15		.04		1.09	.58						.21	.09
MT CARMEL	2.72													.82				.38	.05	.02	.01			.65	.77	.02						
MT VERNON 3 NE	3.70	.06	.02				.05						.23	.73			.13	.20	.08	.47				1.22	43						.08	T
REND LAKE DAM	4.87						T		T				T	1.77	1.15			.47	.11	.02				.44	.69						.14	.08
ROSICLARE	2.86					.08							.25		.50		.47	.08	.04	.07			.38	.41						.28	T	.30
SHAWNEETOWN NEW TOWN	2.66	T												.31	.16		T	.59	.12	.03				1.21	.14						.10	
WAYNE CITY 1 N	4.49												.62					.61	.62	.06				1.53	1.05							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	69	72	83	88	89	81	70	60	69	74	67	72	71	69	72	70	67	66	68	74	79	82	82	79	84	84	87	85	85	82	79	76.1
	MIN	49	45																						58	58	57	55	66	64	63	59	
DIXON 3 W	MAX	60	71	76	81	85	88	75	56	57	67	70	68	72	65	67	67	68	59	63	69	76	81	82	73	80	86	80	86	87	79	82	73.4
	MIN	48	45	46	46	49	48	35	39	31	41	44	46	47	37	43	46	50	52	53	43	46	50	60	57	57	54	51	60	63	64	53	48.5
FREEPORT WASTE WTR PLT	MAX	61	71	77	82	86	88	72	54	58	68	71	65	70	54	67	66	64	57	63	71	77	83	83	78	80	87	86	89	87	79	83	73.5
	MIN	46	41	43	45	48	42	35	40	31	39	44	49	49	39	43	42	46	50	54	46	46	50	52	56	56	59	48	53	63	62	63	47.7
FULTON DAM 13	MAX	62	73	75	80	84	87	74	55	58	67	72	64	71	60	62	69	63	59	64	71	75	80	85	73	80	86	84	85	85	79	81	73.0
	MIN	44	49	49	50	50	51	45	43	38	38	49	49	50	42	45	50	45	52	55	54	54	54	56	60	60	58	55	55	64	65	61	51.3
GALVA	MAX	58	66	75	81	86	88	78	61	60	70	72	70	75	65	68	73	61	66	63	67	74	80	82	67	79	84	82	86	84	85	82	73.8
	MIN	48	51	49	49	58	48	39	35	35	38	46	48	54	39	46	48	51	55	53	53	50	57	60	58	58	56	55	61	65	64	58	51.1
GENESEO	MAX	70	75	81	86	85	77	60	60	70	74	69	73	65	69	70	62	64	64	69	77	82	83	72	80	84	82	88	86	80	83	80	74.8
	MIN	48	45	47	50	58	47	39	37	35	50	47	53	43	38	51	48	52	55	54	52	50	54	60	58	59	56	53	66	61	67	61	51.4
HENNEPIN POWER PLANT	MAX	60	67	71	83	87	89	89	61	60	68		72	74	69	68	72	64	65	62	70	78	80	81	70	80	86	83	88	89	88	87	75.4
	MIN	44	45	44	42	52	31	37	38	29	44		39	51	39	43	48	53	53	55	47	46	48	60	58	56	55	46	59	65	66	61	48.5
KEWANEE 1 E	MAX	60	66	73	79	85	87	76	60	59	68	71	68	73	65	67	70	62	66	62	69	74	80	80	68	80	84	81	87	85	85	82	73.3
	MIN	47	41	42	45	60	45	37	36	29	47	47	52	54	37	50	48	51	54	54	50	46	49	58	56	54	54	52	62	64	62	59	49.7
MOLINE WSO AP	MAX	70	77	83	86	87	80	61	62	70	76	68	74	66	69	70	63	64	64	70	74	81	83	70	80	85	84	88	87	81	83	80	75.4
	MIN	42	42	44	45	57	44	35	34	31	51	47	52	39	34	52	50	52	55	54	53	48	51	61	55	56	58	52	64	65	65	61	50.0
MORRISON	MAX	61	71	76	81	85	87	75	56	58	68	74	67	73	63	68	68	63	62	63	72	77	82	83	73	82	87	82	86	87	78	81	73.8
	MIN	48	43	43	45	48	42	31	39	30	32	45	48	49	35	48	47	50	52	53	48	46	49	54	58	57	56	51	63	63	64	59	48.3
MOUNT CARROLL	MAX	61	73	77	82	84	88	73	55	58	68	70	64	72	57	67	68	63	58	64	72	77	83	84	76	80	86	82	86	86	78	81	73.3
	MIN	40	37	38	39		34	26	39	25	34	39	46	49	29		44	44	51	52	43	41	42		54	62	54	46	57	62	61	58	44.5
PAW PAW	MAX	58	65	73	80	84	86	74	56	57	64	74	69	70	68	67	64	63	58	63	67	74	80	81	72	80	86	78	82	84	82	84	72.4
	MIN	46	45	42	47	58	44	30	31	27	26	46	52	46	38	40	45	46	52	54	48	44	47	55	59	56	52	51	58	59	61	61	47.3
ROCHELLE	MAX	60	69	75	80	85	86	74	54	57	67	72	68	72	66	67	68	65	58	64	69	76	82	82	70	83	88	80	86	89	89	78	73.5
	MIN	48	44	45		52	41	34	38	30	38	42	46	46	35	40	45	49		51	48	46	51	58		56	53	51	57	63	65	58	47.5
ROCKFORD WSO AP	MAX	70	78	82	86	86	74	54	55	68	72	64	71	61	65	67	64	56	64	70	77	82	84	76	79	87	79	87	87	80	84	78	73.8
	MIN	44	37	42	44	50	40	32	38	29	44	44	48	42	38	43	40	49	53	48	45	44	48	57	59	57	52	47	62	65	66	59	47.3
STOCKTON 1 N	MAX	59	73	77	81	85	88	71	53	57	67	71	61	71	53	65	65	63	56	60	69	75	80	83	78	79	85	79	87	87	77	76	72.0
	MIN	45	37	40	42	52	40	30	39	29	46	41	46	49	37	45	40	49	49	54	44	46	48	52	55	53	53	49	61	62	63	57	46.9
TISKILWA 2 SE	MAX	66	75	81	85	89	84	70	59	69	71	70	74	69	69	73	69	65	61	69											85	81	
	MIN		46	45	47		45	29	36	31	47	48	52	51	38	50	47	51		55	47	47	47	56			52	47	61	64		60	48.0
WALNUT	MAX	66	75	80	85	87	80	71	59	67	73	70	71	70	69	70	70	60	62	67	75	82	82	81	81	86	86	87	87	82	82	82	75.6
	MIN	50	49	50	52	58	43	33	37	32	50	44	63	48	37	48	48	49	53	53	49	49	54	62	58	57	57	53	52	65	65	59	50.9
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	58	64	74	78	85	87	73	52	53	66	70	63	65	60	61	61	61	54	62	66	74	81	82	76	76	82	71	84	84	78	84	70.5
	MIN	46	41	41	46	51	42	35	36	32	32	44	45	45	42	42	36	38	48	51	45	46	46	47	52	54	45	43	43	57	64	63	45.1
AURORA	MAX	65	74	79	85	88	75	56	57	67	72	70	68	70	66	66	65	60	64	69	75	81	83	74	80	85	75	85	88	82	84	80	73.8
	MIN	40	44	45	48	49	43	36	42	32	48	48	49	46	40	47	45	50	53	54	47	47	40	52	59	56	49	45	60	63	64	60	48.4
BARRINGTON	MAX	58	63	74	78	85	85	72	53	54	67	71	66	66	66	63	62	61	55	68	66	74	80	82	76	76	84	73	85	84	78		70.8
	MIN	46	41	42	45	54	42	35	38	33	45	47	49	45	42	45	39	45	48	51	44	45	47	55	56	56	50	43	53	62	63		46.9
CHICAGO O'HARE WSO AP	MAX	62	75	76	86	88	73	56	54	64	72	65	63	68	59	61	62	56	61	66	74	82	82	75	78	82	73	85	85	81	86	78	71.9
	MIN	39	44	43	49	52	41	38	42	35	47	47	46	43	41	43	42	49	50	47	43	45	46	55	57	52	48	42	60	63	66	59	47.5
CHICAGO UNIVERSITY	MAX	61	61	68	83	81	88	74	54	55	71	72	59	62	72	60	61	58	65	64	64	74	76	78	70	71	85	68	87	87	85	84	70.9
	MIN	41	42	46	53	62	50	41	41	42	53	50	49	45	46	47	47	50	53	48	49	50	51	55	57	57	52	49	63	64	65	64	51.0
CHICAGO MIDWAY AP	MAX	62	72	78	86	90	75		58				61	72	61	69				68	74		83	81	72		82		85	90	85	84	
	MIN	41	41	48	52	57	48		40				46	34	38	31				45	46		48	59	58		48		61	64	64	63	
DE KALB	MAX	67	75	81	86	87	83	71	55	66	72	70	71	70	66	68	66	59	63	72	78	83	83	82	82	88	87	87	86	83	82	82	75.8
	MIN	49	43	44	47	53	44	36	39	30	50	46	50	45	40	46	43	49	53	53	47	46	50	59	57	57	52	49	62	64		61	48.8
ELGIN	MAX	58	65	74	78	84	85	72	52	54	65	72	66	67	64	64	62	63	56	62	66	74	80	82	75	77	83	72	84	83	79	83	71.0
	MIN	46	41	42	51	58	45	36	37	34	33		47	45	41	44	43	47	49	51	49	49	49	55	56	58	52	46	49	60	64	58	47.8
GEBHARD WOODS ST PARK	MAX	62	67	75	77	88	88		61	58	70	72		74	75	70	70	64	61	63	72	78	79	82	74	80	84	79	87	89	85	85	74.8
	MIN	39	42	43	42	53		33	34	32	44	49		50	40	45	46	44	49	53	47	47	49	53	58	56	51	46	58	64	64	63	48.1
JOLIET BRANDON RD DAM	MAX	61	64	75	79	86	88	76	57	56	67	75	71	67	73	67	68	65	63	65	70	77	79	82	72	80	85	75	85	88	85	84	73.7
	MIN	40	42	45	46	52	45	36	39	34	39	49	50	48	39	42	48	51	52	53	48	47	48	54	60	55	54	50	53	60	64	61	48.5
MARENGO	MAX	59	67	75	80	87	88	73	54	55	68	74	64	70	63	65	65	64	56	62	69	75	82	84	78	80	85	74	87	86	80	83	72.6
	MIN	47	40	41	46	53	42	32	35	31	36	45	50	45	39	43	39	44	52	51	45	45	47	51	56	55	49	43	51	63	62	58	46.3
OTTAWA	MAX	68	78	84	89	90	85	76	62	71	75	75	73	74	71	74	71	62	64	71	78	84		81	82	89	87	88	91	89	86	85	78.4
	MIN	44	48	46	47	52	47	38	42	34	49	52	54	52	40	53	49	53	56	57	50	49		60	61	59	56	50	62	66	69	63	51.9
PARK FOREST	MAX	59	64	70	76	85	87	74	56	54	65	71	68	65	75	54	65	64	62	62	68	71	78	83	74	79	81	73	84	88	85	83	71.7
	MIN	37	44	44	47	56	47	41	40	34	48	51	53	48	41	48	46	51	54	52	46	52	56	58	61	56	51	41	61	64	65	63	50.2
PERU 2 W	MAX																																
	MIN																																
WAUKEGAN	MAX	57	61	69	75	85	87	73	52	50	55	72	63	61	52	55	58	58	53	60	63	69	78	78	73	71	78	68	82	85	76	83	67.7
	MIN	45	39	40	42	51	39	34	32	33	35	48	44	42	43	42	41	42	44	49	45	44	45	45	52	53	48	44	45	58	60	60	44.6
WHEATON 3 SE	MAX	63	76	80	89	88	84	72	57	68	74	71	68	71	65	67	65	60	63	71	78	82	84	81	80	80	75	85	87	82	84	83	75.3
	MIN	35	40	40	42	51	39	35	37	30	40	49	50	46	38	46	42	50	53	53	44	44	42	52	57	54	45	41	53	63	62	61	46.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	68	74	80	84	87	73	61	61	69	72	69	74	64	69	73	61	68	64	68	72	78	80	69	79	83	82	85	86	88	84	81	74.5
	MIN	44	46	47	49	48	45	42	40	35	44	48	46	42	37	51	49	50	56	54	56	48	54	47	55	60	60	57	62	63	65	59	50.3
GOLDEN 1 NW	MAX	70	80	88	90	88	80	80	65	70	72	75	74	65	71	73	73	70	68	71	70	75	81	77	77	83	85	87	87	89	85	80	77.4
	MIN	39	49	50	52	57	52	50	33	34	55	46	52	55	41	47	52	54	55	53	55	53	54	62	59	59	60	60	63	67	63	59	52.9
LA HARPE	MAX	71	78	83	87	88	81	70	64	71	72	73	76	68	70	76	65	70	67	72	73	79	82	77	79	82	85	87	88	90	85	82	77.1
	MIN	44	47	48	49	56	48	47	34	35	50	47	55	53	36	47	51	52	56	54	55	53	53	62	60	60	60	57	64	66	65	58	52.3
MONMOUTH	MAX	71	74	81	87	90	79	71	63	71	72	68	73	69	69	73	69	68	66	66	72	78	79	77	78	84	82	86	87	89	83	80	76.0
	MIN	43	47	50	49	60	47	43	33	34	50	42	54	53	38	48	50	50	57	54	53	53	53	61	58	58	59	56	64	65	66	58	51.8
QUINCY FAA AP	MAX	68	77	81	83	86	80	66	61	70	78	69	70	64	66	74	61	71	66	67	71	76	80	67	75	83	83	86	88	88	84	81	74.8
	MIN	46	55	55	56	58	55	48	41	42	58	55	55	48	46	51	54	55	57	55	59	59	56	62	62	62	63	63	71	69	71	61	56.4
QUINCY DAM 21	MAX	63	70	75	81	83	84	80	64	60	70	79	79	79	62	69	74	59	72	65	71	72	76	80	67	76	83	85	87	88	88	83	75.0
	MIN	45	45	46	49	50	55	53	38	35	34	50	50	50	41	41	49	55	55	53	53	53	54	54	60	58	59	63	63	66	66	61	51.7
RUSHVILLE	MAX	69	76	80	85	86	85	76	62	69	71	75	70	67	67	73	71	69	68	68	72	76	80	79	78	83	84	86	90	90	87	86	76.7
	MIN	40	50	48	51	55	53	49	36	35	51	49	51	54	39	42	51	52	55	54	55	52	52	62	56	55	60	61	65	65	68	59	52.4
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	66	72	79	85	87	81	63	58	69	72	72	71	73	66	72	69	69	62	66	72	76	82	79	72	85	80	85	83	90	86	85	75.1
	MIN	42	51	45	49	56	49	42	43	35	46	55	52	53	41	42	52	47	53	51	52	50	51	60	58	57	54	50	60	64	64	62	51.2
DECATUR	MAX	70	75	81	87	87	82	77	64	71	77	76	71	76	71	79	77	71	71	67	75	79	85	82	81	89	85	86	89	89	87	87	78.8
	MIN	37	52	42	52	45	51	48	37	29	49	55	52	56	37	39	50	53	57	52	65	47	47	62	53	53	58	49	57	61	68	63	50.8
FARMER CITY	MAX	68	73	78	87	89	84	73	60	70	73	76	70	74	67	75	70	64	66	67	73	78	80	80	80	85	80	84	88	89	85		76.2
	MIN	43	54	45	46	51	50	45	40	36	50	52	53	54	41	45	49	52	56	52	54	52	55	57	58	57	57	56	60	65	67		51.7
HAVANA 4 NNE	MAX	62	69	77	82	85	89	80	65	63	71	73	72	71	68	68	75	61	69	67	71	75	79	82	68	80	87	86	89	89	92	89	75.9
	MIN	39	44	45	46	48	53	50	41	33	36	51	53	53	41	43	48	53	58	56	55	53	52	55	54	56	60	56	60	64	65	62	51.1
LACON 2 E	MAX	68	76	84	87	88	84	79	69	68	72	70	74	70	68	74	75	67	63	72	75	79	83	81	81	88	86	85	86	88	84	83	77.6
	MIN	45	47	45	47	61	46	40	56	33	45	49	54	54	37	52	46	52	55	55	50	50	50	58	58	58	55	48	62	64	67	61	51.6
LINCOLN	MAX	70	75	80	84	87	83	78	63	70	69	76	72	72	66	74	73	67	66	66	74	77	82	80	77	85	83	85	87	89	88	87	76.9
	MIN	42	55	49	47	51	51	48	41	36	49	53	52	50	41	46	51	53	56	54	54	52	55	63	58	58	60	55	72	65	69	63	53.2
MASON CITY 1 NW	MAX	68	75	81	85	88	80	77	61	69	72	74	71	69	66	73	73	67	67	69	74	77	83	79	78	85	85	85	86	88	85	84	76.6
	MIN	41	52	48	47	51	45	48	40	34	46	51	53	55	40	47	44	48	56	53	53	53	53	62	55	58	61	58	56	64	60	61	51.4
MINONK	MAX																																
	MIN																																
NORMAL	MAX	66	73	79	86	86	85	77	60	67	71	73	71	71	65	73	73	65	65	68	73	78	80	79	76	84	83	84	88	89	89	87	76.3
	MIN	40	53	45	45	55	48	45	43	34	52	54	52	56	40	49	48	51	54	53	54	50	51	62	57	53	57	58	66	67	69	61	52.3
PEORIA WSO AP	MAX	66	73	80	83	86	78	62	59	67	69	71	71	70	66	72	62	66	65	66	73	77	81	68	77	83	81	85	87	90	86	81	74.2
	MIN	43	54	47	47	53	48	42	40	34	49	51	55	42	36	48	49	53	56	54	54	49	52	59	58	56	61	57	65	65	67	62	51.8
PRINCEVILLE	MAX	66	75	80	86	89	81	69	63	71	72	73	74	70	69	74	66	68	68	68	75	78	83	76	80	84	83	86	85	88	84	82	76.3
	MIN	46	50	45	45	58	43	37	37	30	47	47	54	52	35	50	48	51	56	55	53	48	49	60	57	56	56	52	62	63	67	58	50.5
* * *																																	
EAST 05																																	
DANVILLE	MAX	67	73	79	86	87	86	77	61	69	72	79	76	78	67	74	74	67	72	71	75	79	83	82	79	88	85	83	91	91	88	84	78.2
	MIN	40	47	43	48	47	54	46	38	33	45	61	52	63	43	41	49	54	61	53	55	48	52	62	57	57	58	47	51	58	66	65	51.4
HOOPESTON 1 NE	MAX	66	72	78	85	86	79	74	57	67	70	76	72	76	65	72	70	65	68	69	73	79	82	76	78	88	81	83	90	90	82	85	75.9
	MIN	38	51	44	49	57	51	44	38	37	47	57	52	57	42	46	49	53	57	55	53	50	54	62	59	58	54	52	57	63	67	64	52.2
KANKAKEE WTR POLL CTR	MAX	58	66	73	87	89	87	76	57	57	68	72	71	68	75	67	70	64	64	62	67	75	78	83	81	79	83	84	84	90	89	87	74.5
	MIN	38	44	41	43	42	45	39	42	35	43	54	55	57	41	43	47	52	54	52	55	48	50	59	46	43	41	48	52	65	65	61	48.4
PIPER CITY 3 SE	MAX	70	73	81	81	88	86	75	58	70	72	76	73	76	68	74	64	65	65	69	74	79	82	79	76	87	84	85	91	91	85	85	76.8
	MIN	38	50	42	45	57	47	42	45	33	47	53	51	55	39	44	47	50	55	53	50	47	51	60	60	57	52	50	58	66	66	62	50.7
PONTIAC	MAX	66	72	80	86	89	86	76	61	69	69	71	71	74	67	73	71	63	64	67	73	77	82	80	72	85	85	85	88	89	86	86	76.2
	MIN	43	53	49	49	55	51	44	44	36	50	55	52	57	42	50	49	52	55	55	51	51	52	61	62	59	55	52	62	62	68	63	52.9
RANTOUL	MAX	55	65	72	77	80	86	78	62	58	69	72	76	72	75	66	74	65	64	66	69	72	78	80	75	78	85	86	85	88	90	84	74.3
	MIN	41	46	48	48	57	53	46	43	37	40	57	54	53	43	45	50	53	58	54	54	52	56	62	62	59	52		56	64	68	63	52.5
URBANA	MAX	67	73	77	85	87	78	66	60	69	73	76	71	76	65	73	62	67	67	69	72	77	82	75	77	85	80	84	89	88	82	83	75.3
	MIN	44	55	49	54	57	53	46	42	39	47	58	52	46	44	47	51	53	57	55	54	54	56	62	58	61	58	55	59	66	65	64	53.6
WATSEKA 2 NW	MAX	59	67	74	79	85	85	76	60	56	67	72	71	65	76	66	74	62	65	63	69	75	78	83	76	83	87	80	84	90	91	91	74.5
	MIN	39	40	43	44	42	50	41	40	34	42	55	57	57	39	43	49	53	56	52	49	48	50	55	60	56	53	46	53	62	66	63	49.6
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	62	70	73	79	82	81	77	66	60	69	81	71	72	73	69	74	65	77	68	69	74	78	79	75	78	83	84	84	88	86	87	75.3
	MIN	45	47	50	52	46	60	53	42	45	47	54	57	57	44	48	54	55	58	54	54	56	56	61	60	60	65	61	66	67	70	68	55.2
CARLINVILLE	MAX	70	76	80	86	87	80	78	65	70	79	78	70	75	68	74	73	76	72	70	73	78	81	78	77	84	84	85	88	88	88	87	78.0
	MIN	38	44	45	47	52	57	48	38	35	51	57	63	59	39	42	51	55	55	50	50	50	50	60	58	57	60	55	63	65	67	60	52.3
GRIGGSVILLE	MAX	68	76	79	84	84	78	76	61	68	77	74	70	68	67	75	65	73	65	69	70	76	80	77	76	81	82	84	86	88	85	81	75.6
	MIN	43	53	53	54	57	54	51	36	42	53	51	51	56	42	48	52	54	56	53	55	54	55	62	58	59	61	61	67	67	68	62	54.5
HILLSBORO	MAX	69	74	80	86	85	83	76	68	68	75	74	76	77	69	75	74	74	76	70	72	79	83	82	75	86	85	83	89	89	85	86	78.2
	MIN	40	41	48	52	55	57	50	38	42	52	58	63	61	44	45	55	52	50	53	56	58	55	55	58	60	64	57	68	65	68	67	54.4
JACKSONVILLE 2 E	MAX	61	68	75	79	83	85	78	66	60	68	77	70	70	68	66	75	61	72	66	70	74	76	81	71	75	83	83	83	86	87	87	74.3
	MIN	34	35	44	44	45	51	48	36	34	42	53	51	51	37	39	46	50	54	52	50	49	48	58	55	55	56	56	58	63	63	62	49.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	63	68	74	78	84	83	78	65	60	68	78	69	70	70	69	73	64	75	67	69	73	80	78	75	78	82	83	83	86	85	86	74.6
	MIN	37	40	42	44	44	51	49	36	29	49	50	53	54	36	40	55	51	53	51	48	50	49	60	57	54	57	56	62	63	68	57	49.8
MORRISONVILLE	MAX	65	65	74	74		87	80	68	72	64	79	71	68	64	74	67	62	75	66	70	72	77	80	75	81	85	83	82	83	86	85	74.5
	MIN	35	42	44	49	45	50	47	37	32	42	54	54	54	41	39	51	49	55	53	53	53	53	61	58	57	60	56	61	63	67	60	50.8
PANA	MAX	66	73	77	83	84	78	73	62	68	77	76	70	75	65	71	68	72	68	68	72	74	79	76	76	82	80	80	84	83	83	80	74.9
	MIN	42	49	52	54	58	55	49	40	39	49	59	56	58	43	45	52	54	57	54	55	53	56	62	58	60	63	56	61	63	68	65	54.4
SPRINGFIELD WSO AP	MAX	68	74	80	85	88	81	67	60	70	74	71	71	71	67	75	61	71	67	70	74	78	82	72	78	85	85	85	89	90	90	85	76.3
	MIN	40	52	48	49	54	52	46	39	35	51	55	53	45	41	46	53	56	55	53	54	53	52	59	56	57	59	56	67	68	71	64	52.9
VIRDEN 1 N	MAX	68	76	79	86	85	79	73	64	69	79	79	69	72	69	75	70	74	73	70	74	79	81	79	75	85	84	84	88	87	87	88	77.4
	MIN	40	39	52	47	46	50	57	39	41	51	56	52	60	39	43	52	52	55	52	53	51	51	60	52	57	59	56	64	68	70	62	52.5
WHITE HALL 1 E	MAX	67	74	79	85	85	82	78	66	69	78	80	80	71	71	75	73	74	74	73	70	78	80	80	79	82	83	84	89	88	89	89	78.2
	MIN	41	47	48	48	47	56	52	39	35	51	54	53	58	39	45	52	54	57	51	53	52	52	61	58	57	63	57	64	63	69	63	52.9
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	69	71	78	85	84	77	76	63	69	72	75	72	78	68	72	71	65	69	70	73	76	80	78	75	84	82	80	86	85	81	83	75.7
	MIN	38	46	48	48	57	55	44	42	34	48	60	58	62	44	42	52	53	56	52	55	50	54	62	59	56	62	56	57	64	67	67	53.2
EFFINGHAM 3 W	MAX	61	65	72	77	83	83	76	65	60	67	77	71	70	77	66	72	62	67	69	69	72	75	79	75	74	82	79	80	85	84	82	73.4
	MIN	40	40	46	48	52	54	49	39	32	35	50	62	62	43	40	44	53	57	52	52	51	53	58	58	57	60	50	54	54	63	67	50.8
FLORA 5 NW	MAX	68	72	76	83	86	81	76	62	69	78	79	79	82	68	74	73	72	75	72	75	77	81	78	77	83	82	81	86	85	82	87	77.4
	MIN	39	42	50	47	52	49	51	40	32	44	64	65	61	40	39	52	56	55	52	51	51	51	61	58	56	59	49	52	62	67	65	52.0
MATTOON	MAX	67	73	78	85	86	79	66	61	69	76	73	70	78	67	74	61	67	70	70	78	85	75	72	72	89	83	84	88	87	83	85	75.8
	MIN	40	48	51	49	57	55	47	43	37	49	59	56	51	44	45	52	55	57	53	54	55	60	61	59	59	61	55	60	64	66	65	53.8
MOWEAQUA	MAX	67	73	78	85	86	79	73	63	69	78	75	70	76	66	74	70	73	72	69	72	76	83	77	78	83	82	83	87	88	83	82	76.5
	MIN	39	54	46	48	49	55	50	49	33	49	57	55	57	42	45	53	55	58	55	55	55	55	64	57	58	62	63	56	64	69	64	53.9
NEWTON 6 SSE	MAX	61	69	73	77	85	84	77	63	62	69	78	78	75	80	67	75	62	67	73	70	74	76	82	75	75	83	80	83	87	86	80	75.0
	MIN	41	44	52	51	54	56	49	43	34	38	52	65	62	42	42	54	55	57	55	54	53	55	59	58	58	61	53	55	60	66	67	53.1
OLNEY 2 S	MAX	69	74	78	84	85	80	74	62	69	77	80	78	82	74	73	72	67	73	73	76	79	82	77	75	84	81	82	87	87	84	88	77.6
	MIN	43	45	46	48	48	54	52	40	32	44	59	68	62	43	42	57	54	57	58	52	54	54	63	59	56	63	53	53	61	68	69	53.5
PALESTINE	MAX	69	71	78	85	85	78	67	63	70	77	78	77	80	66	72	68	66	76	72	75	76	80	75	75	84	79	83	88	87	84	88	76.5
	MIN	41	44	48	48	57	57	51	45	34	47	56	68	58	45	43	53	57	58	58	53	54	55	64	60	58	63	51	55	63	68	68	54.2
PARIS WATERWORKS	MAX	67	72	78	84	85	76	74	60	69	73	77	71	78	67	74	69	66	72	70	73	79	82	77	74	86	83	80	87	88	81	83	76.0
	MIN	38	44	46	47	52	54	47	39	35	48	59	55	57	43	43	49	53	56	52	53	49	53	60	58	56	60	51	56	64	64	64	51.8
SALEM	MAX	68	73	78	84	85	83	77	62	70	80	78	77	81	68	74	72	76	73	71	75	78	81	77	76	84	82	84	89	86	84	88	77.9
	MIN	44	44	50	49	52	57	52	44	35	58	66	65	60	43	43	52	55	55	53	51	55	55	61	60	58	66	54	57	67	69	66	54.7
TUSCOLA	MAX	68	73	74	86	87	85	78	64	70	72	78	76	79	67	75	75	63	69	70	74	78	83	82	78	86	85	84	90	90	87	88	77.9
	MIN	42	53	49	51	54	53	50	39	37	54	58	55	56	43	44	52	56	58	54	54	52	56	57	56	57	60	56	57	63	70	65	53.6
WINDSOR	MAX	67	72	78	84	84	77	77	64	68	73	76	71	76	67	73	73	67	70	67	73	77	82	80	79	84	84	81	85	85	83	84	76.2
	MIN	40	50	50	51	54	54	48	40	38	49	60	57	62	42	46	53	54	59	54	54	52	54	63	59	59	59	58	61	66	62	65	54.0
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	70	72		81	84	82	71	63	70	79	85	83	83	82	74	72	75	80	75	79	80	77	71	77	83	85	85	88	85	82	84	78.6
	MIN	46	48		49	57	60	52	42	39	42	68	62	66	45	48	54	57	54	60	55	57	59	61	59	60	64	54	55	64	66	69	55.7
BELLEVILLE SO ILL UNIV	MAX	69	72	77	82	84	83	78	61	68	79	80	75	79	72	73	73	78	74	70	74	77	79	78	75	82	83	83	87	87	86	88	77.6
	MIN	39	41	42	44	52	52	50	38	32	45	61	60	59	41	39	52	57	54	50	49	52	50	62	56	56	60	50	56	59	67	69	51.4
CAHOKIA	MAX																																
	MIN																																
CAIRO WSO CI	MAX	71	74	76	82	83	84	72	64	70	84	89	77	84	70	73	75	80	80	76	77	80	73	70	77	85	87	86	90	82	83	82	78.6
	MIN	55	54	55	54	57	62	51	47	43	53	73	66	57	54	53	58	66	61	65	62	60	65	64	64	66	67	62	63	69	72	71	60.3
CARBONDALE SEWAGE PL	MAX	66	72	74	76	83	85	81	69	63	70	80	86	79	84	70	72	68	80	76	75	76	79	79	75	77	84	84	84	87	80	84	77.4
	MIN	43	41	41	43	46	48	46	36	31	40	52	68	64	43	43	48	54	57	60	52	53	54	59	60	56	59	50	52	60	65	67	51.3
CARLYLE RESERVOIR	MAX	63	66	70	76	81	85	78	64	61	69	80	73	70	80	68	73	65	78	73	70	75	76	79	76	78	82	82	83	88	85	84	75.2
	MIN	44	46	49	52	54	55	54	39	35	47	55	64	62	43	49	56	54	55	53	53	54	57	62	59	59	65	59	61	65	68	52	54.2
DU QUOIN 4 SE	MAX	69	73	77	81	85	78	64	64	69	79	84	75	84	78	72	65	79	76	73	74	77	80	72	76	82	82	82	87	82	87	87	77.2
	MIN	45	45	47	47	50	55	42	37	34	44	69	64	50	43	45	53	62	56	57	53	55	56	60	62	57	67	55	55	64	67	68	53.7
KASKASKIA R NAV LOCK	MAX	61	70	73	77	81	85	83		59	71	80	83	70		74	66	76	70	70	75	77	77		73	77	82	84	84	89	88	87	76.5
	MIN	40	42	41	45	50	54	47	37	36	40	50	68	63	43	49	55	59	55	54	54	57	57	55	57	61	60	60	60	67	64	69	53.2
MARION 4 NNE	MAX	63	70	72	78	82	83	79	67	64	70	79	82	78	86	69	72	66	75	75	73	76	78	78	75	76	83	84	84	89	81	82	76.4
	MIN	45	43	43	46	48	52	51	40	33	34	47	68	63	44	44	45	55	55	56	53	53	54	60	62	56	59	52	52	55	66	67	51.6
NASHVILLE 4 NE	MAX	67	71	76	81	84	79	76	59	68	78	80	79	79	68	72	69	78	76	71	74	77	79	73	75	81	83	81	87	83	83	87	76.6
	MIN	45	49	52	54	60	57	48	41	41	47	66	65	59	44	49	53	57	57	55	55	56	56	62	60	61	63	59	60	64	68	67	55.8
SPARTA	MAX	70	75	78	83	85	80	78	62	72	81	84	82	82	74	73	71	79	75	73	75	79	80	75	77	84	85	85	89	87	86	89	79.0
	MIN	43	45	48	49	52	57	50	36	36	49	67	65	61	42	47	53	59	56	54	54	55	55	62	57	59	62	57	60	65	69	67	54.5
WATERLOO	MAX	65	70	73	79	83	86	80	61	63	71	81	78	71	79	70	73	65	80	72	71	75	77	77	74	77	82	85	85	89	87	86	76.3
	MIN	47	48	50	50	54	55	51	36	35	50	53	60	59	43	48	53	53	56	52	51	56	58	61	58	60	62	60	64	65	68	66	54.3
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	70	72	84	85	85	83	77	62	70	78	83	82	83	82	75	74	74	78	76	78	80	83	80	78	85	86	84	90	88	83	90	79.9
	MIN	47	51			59	59	52	44	40		64	65	62	45	48	53	52	58	59	54	57	58	62	58	68	66	57	59	67	68	74	57.4
BROOKPORT DAM 52	MAX	70	73	77	82	82	82	76	64	70	79	82	82	83	78	74	72	76	78	77	75	79	78	75	75	82	84	85	88	86	81	83	78.3
	MIN	42	42	44	46	49	58	43	39	34	45	68	64	63	47	44	55	64	56	62	52	53	56	61	62	58	60	50	52	61	68	66	53.7
DIXON SPRINGS AGR C	MAX	70	71	73	81	82	78	77	66	67	78	81	82	82	82	73	73	75	77	75	75	76	79	73	75	82	82	83	86	86	81	82	77.5
	MIN	47	41	42	47	50	56	44	40	33	45	67	65	63	46	43	55	62	56	61	51	52	56	62	61	56	63	51	53	61	67	68	53.7

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FAIRFIELD RADIO WFIW	MAX	67	72	75	86	84	82	76	60	67	78	80	78	82	79	74	73	72	75	74	74	79	82	75	77	82	81	81	85	84	81	87	77.5
	MIN	44	45	46	49	53	59	50	40	33	44	68	66	64	44	43	54	57	57	59	52	54	55	63	57	57	65	52	53	63	69	67	54.3
HARRISBURG	MAX	71	74	77	84	86	80	76	65	72	82	84	81	85	74	75	72	78	80	75	77	79	80	77	77	84	84	85	91	84	84	89	79.4
	MIN	46	44	45	48	53	60	52	40	35	45	70	65	64	46	44	55	62	58	61	53	55	55	62	62	59	61	52	54	63	69	68	55.0
MC LEANSBORO 2 ENE	MAX	65	69	71	76	82	84	77	63	68	68	80	83	79	81	67	73	66	75	76	72	74	78	81	76	80	82	79	81	86	84	81	76.0
	MIN	39	49	48	53	55	64	52	43	32	41	37	68	53	44	45	58	53	58	61	52	55	56	61	61	59	65	56	57	61	65	69	53.9
MT CARMEL	MAX	63	71	71	78	85	87	80	64	64	70	78	84	80	83	68	75	65	68	76	75	78	79	82	76	79	85	80	81	87	86	82	76.8
	MIN	46	47	47	47	48	52	54	42	36	35	46	64	62	47	46	47	52	57	57	53	53	56	58	56	60	61	53	55	58	67	65	52.5
MT VERNON 3 NE	MAX	64	68	72	83	84	84	77	60	61	68	81	80	76	81	76	71	65	69	76	72	75	78	80	75	79	82	85	86	86	86	87	76.4
	MIN	42	42	47	45	45	55	48	40	31	44			61	41	42		53	55	56	56	52	54	61	60	58	58	60	62	66	59	62	52.0
RENO LAKE OAM	MAX	63	64	73	74	81	85	85		62	70	80	85	78	83		72	71	78	78	77	75	78	79	73	76	81	80	82	88	82	83	77.1
	MIN	43	50	47	53	52	56	50	44	39	41	56	69	64	44	44	50	54	57	59	53	56	59	62	60	60	60	58	58	58	68	70	54.6
ROSICLARE	MAX	69	72	75	81	83	81	76	63	67	78	81	80	82	80	73	71	74	78	75	73	76	76	73	75	81	82	81	85	84	82	80	77.0
	MIN	48	47	39	46	49	52	43	37	34	39	68	63	67	45	42	55	63	55	50	51	52	54	62	61	58	60	50	54	61	66	67	52.8

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	54	63	62	66	70	67	68	67	65	68	68	69	64	69	69	70	62	62	63	65	68	70	72	70	-	-	70	76	76	76	79	67.9
		MIN	50	50	49	53	56	59	60	57	56	54	54	54	61	59	57	52	59	58	58	59	62	61	63	66	-	-	66	66	67	60	65	58.3
	8	MAX	53	58	60	62	64	64	64	63	61	62	63	64	63	65	65	65	63	62	62	63	65	67	68	67	-	-	67	71	71	73	74	64.4
		MIN	53	53	53	55	58	61	62	60	59	58	58	58	63	62	61	60	60	60	60	61	63	63	63	67	-	-	67	67	69	70	71	61.2

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG
▪ ▪ ▪ NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	-	.12	.18	.30	.31	.31	.72	.70	.70	▪	▪	▪	1.66	.54	.05	.14	.14	.30	.00	.17	.12	.20	.13	.14	.11	.32	.31	.30	.18	.12	.29	8.858
	WIND	5	12	15	16	25	54	97	72	44	33	▪	85	44	78	29	32	95	16	8	12	14	10	23	7	11	13	16	18	24	22	66	996
	MAX	70	71	83	86	88	87	88	88	88	88	-	-	-	-	80	84	59	62	64	79	78	86	87	70	89	95	[illegible]	92	97	91	90	82.6
	MIN	41	43	54	55	55	55	55	55	55	55	-	-	-	-	44	52	51	35	56	47	47	62	60	63	63	60	[illegible]	60	37	69	63	53.7
▪ ▪ ▪ EAST 05																																	
URBANA	EVAP	.04	.11	.12	.12	.27	.21	.32	.21	.17	.23	.23	.12	.03	.28	.15	.18	.01	.10	.01	.10	.14	.16	.13	.09	-	-	-	.22	.27	.24	.20	4.948
	WIND	17	15	14	25	26	74	78	49	44	44	64	65	49	71	-	-	-	-	91	25	18	11	19	12	-	-	-	20	42	67	88	13288
	MAX	57	77	76	81	88	81	80	73	70	79	83	85	69	81	76	84	55	63	71	78	77	84	86	77	-	-	91	89	89	90	83	78.4
	MIN	40	47	50	50	51	48	44	39	37	39	42	44	52	43	43	46	51	53	56	56	53	47	57	60	-	-	55	53	56	58	61	49.3
▪ ▪ ▪ WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	-	.18	.25	.22	.20	.27	.36	.25	.22	.23	.20	.06	.22	.05	.29	-	-	-	.10	.15	.15	.16	-	-	-	-	.20	.19	.25	.33	-	-
	WIND	-	10	42	14	71	101	96	77	34	116	78	▪	134	43	20	-	-	-	39	22	12	33	-	-	-	-	26	40	47	110	-	-
	MAX	-	81	82	90	85	81	76	73	78	73	81	79	77	74	79	-	-	-	73	80	85	85	-	-	-	-	90	91	90	87	-	81.4
	MIN	-	55	52	52	53	52	46	41	40	49	57	55	59	44	52	-	-	-	55	58	58	56	-	-	-	-	62	63	66	68	-	54.2
▪ ▪ ▪ SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.05	.15	.13	.23	.22	.30	.30	.13	.23	.31	.11	.10	.08	.28	.26	.28	.05	.12	.12	.10	.17	.21	.18	.18	.17	.23	.23	.35	.33	.26	.13	5.99
	WIND	21	24	18	27	19	53	66	47	53	53	115	44	89	91	49	68	67	44	28	28	47	42	56	30	22	33	44	35	43	99	103	1558
	MAX	63	74	75	82	88	85	80	62	68	78	70	74	68	83	77	78	58	79	75	74	77	83	81	79	83	93	92	89	91	87	82	78.3
	MIN	48	49	52	54	57	55	50	42	42	45	48	62	60	45	45	52	52	58	57	55	55	57	59	59	62	65	62	59	61	65	67	54.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME ANO TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
AL8ION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L 8URGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON OAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J 80N HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G RO8INSON JR
ARGONNE NATIONAL LA8	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LA8
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARO L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MIO	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
8ARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
8EAROSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU 8ELLEVILLE RES CNTR
8ELVIDERE	0583	02	8OONE		42 15	88 50	815				C	LEON R MOSS
8ENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARO W COFFMAN
8ENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
8LOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
8LUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA 8 NORTRUP
8ROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RAOIO STATION W8YS
CAR8ONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH 8 8OYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMP8ELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HU8ERT 8OHLE8ER
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANOOLPH		37 54	89 50	460		7A			RO8ERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	10P	10P		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L 8ARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARO
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN 8IRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON 8REMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KAL8	2223	02	DE KAL8		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUM8ERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 3 W	2348	01	LEE		41 50	89 33	690	7A	7A		H	RO8ERT H NELLIS
OIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EOELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS OEVERA M GE8HART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIR8URY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RAOIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON OAM 13	3290	01	WHITESIOE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA 1 N	3312	01	JO OAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENCKE
GALES8URG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GE8HARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GE8HARO WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GI8SON CITY 1 E	3413	05	FORO		40 28	88 22	655		7A			RO8ERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WIL8UR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUM8ERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	8OND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRIS8URG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRIS8URG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLS8ORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-RO8ERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PU8 SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET 8RANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHS8URG	4655	01	MERCER		41 06	90 57	550		7A			8EN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O 8 PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	8OYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOM8	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANS8ORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G 8ROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			RO8ERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			8ERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L 8ROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DORTHY A 8ULLARD
MT CARMEL	5888	09	WA8ASH		38 24	87 45	420	7A	6A		C	MT CARMEL PU8LIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MAR8URGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	8ROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	RO8ERT G MOORHOUS
MOWEAQUA	5950	07	SHEL8Y		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYS8ORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW 8OSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DEL8ERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	RO8ERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	RO8ERT G WARD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	652	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	INACTIVE 02/29/80
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			WEBSTER CROWLEY JR
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
C	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

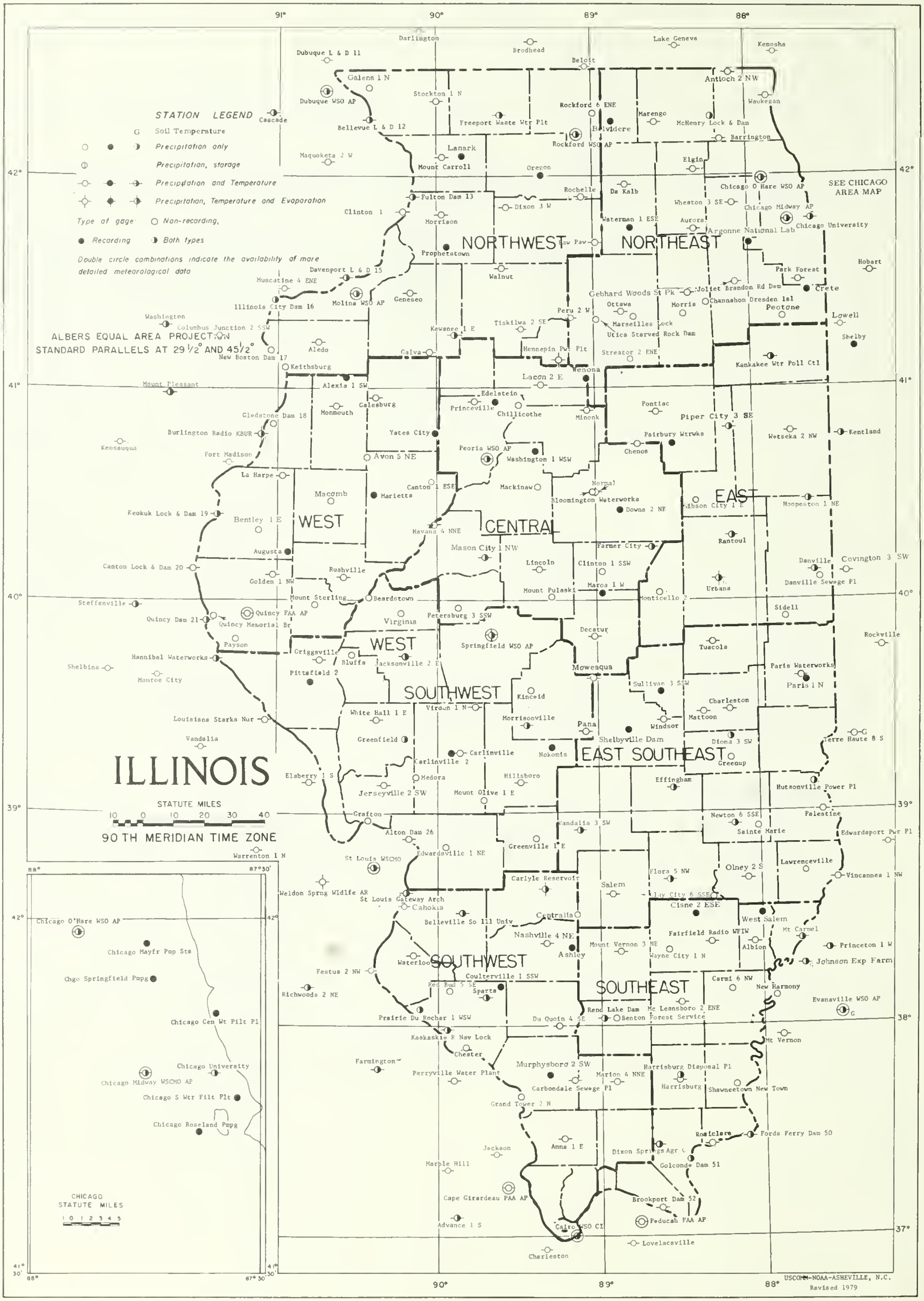
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE

JUNE 1980 VOLUME 85 NUMBER 6

Climatological Data

DEPARTMENT OF COMMERCE ☆ UNITED STATES OF AMERICA ☆

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	KASKASKIA R NAV LOCK	99	DATE 29
LOWEST TEMPERATURE:	WATSEKA 2 NW	36	DATE 20
GREATEST TOTAL PRECIPITATION:	CANTON 1 ESE	9.48	
LEAST TOTAL PRECIPITATION:	MOUNT STERLING	.93	
GREATEST 1 DAY PRECIPITATION:	PEORIA WSO AP	4.42	DATE 02

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME CENTRAL 00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	40	SW	07	-	-	-	-	0	1	1	1	1	1	5	66	-
CHICAGO O HARE WSO AP	10	1.3	8.2	32++	10	01	78	80	58	57	4	2	3	4	0	0	13		5.7
MOLINE WSO AP	17	1.4	8.7	34	N	27	77	80	54	53	0	2	3	5	1	0	11	63	5.4
PEORIA WSO AP	17	1.7	8.1	30	NE	02	81	87	64	59	3	1	2	3	0	2	11	68	5.5
ROCKFORD WSO AP	20	0.8	9.8	30++	32	27	77	78	57	54	2	2	3	4	0	1	12	-	5.9
SPRINGFIELD WSO AP	18	2.2	9.8	32++	12	04	77	81	55	54	2	5	2	0	0	1	10	77	5.4

OCT 28 1980

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JUNE 1980

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEOO	82.0	59.1	70.6	- .7	93	27+	46	16	14	188	3	0	0	0	5.07	.46	1.47	1	.0	0		6	4	2
DIXON 2 W	79.2M	55.4	67.3M	- 3.3	91	29+	42	20	44	129	3	0	0	0	3.51	- .69	1.12	3	.0	0		6	3	1
FREEPORT WASTE WTR PLT	78.9	55.9	67.4		92	27	44	16+	43	124	2	0	0	0	5.11		1.20	28	.0	0		7	7	1
FULTON DAM 13	79.3	58.8	69.1	- 1.5	92	28	48	10	25	153	2	0	0	0	4.26	- .17	.97	28	.0	0		7	4	0
GALVA	80.0	58.6	69.3	- 1.7	92	28+	45	16	24	159	2	0	0	0	6.29	1.63	1.52	14	.0	0		9	5	3
GENESEO	80.3	59.1	69.7		94	27	48	16	20	166	2	0	0	0	4.59	.05	1.47	28	.0	0		8	4	1
HENNEPIN POWER PLANT	80.4	57.4	68.9		93	28	43	17	33	159	3	0	0	0	3.57		1.17	8	.0	0		6	3	1
KEWANEE 1 E	79.9	56.1	68.0	- 3.2	92	26	43	10	41	137	2	0	0	0	4.79	.31	1.33	27	.0	0		8	4	1
MOLINE WSO AP R	80.8	57.5	69.2	- 1.6	94	27	44	11	27	158	2	0	0	0	4.97	.55	1.00	14	.0	0		9	6	1
MORRISON	79.1	56.6	67.9	- 2.6	91	28+	44	11	43	134	2	0	0	0	3.98	- .47	.97	28	.0	0		7	4	0
MOUNT CARROLL	78.3	53.1	65.7	- 3.6	91	28+	39	11	71	99	2	0	0	0	3.80	- .79	1.12	28	.0	0		7	4	1
PAW PAW	78.5	54.5	66.5		93	28	44	17	58	111	3	0	0	0	2.35	- 1.82	.83	28	.0	0		5	2	0
ROCHELLE	75.5M	54.8	65.2M		92	27	44	17+	79	91	3	0	0	0	3.58		.80	28	.0	0		8	4	0
ROCKFORO WSO AP //R	78.5	54.8	66.7	- 2.1	91	26	41	11	63	117	1	0	0	0	6.06	1.64	2.69	7	.0	0		8	5	1
STOCKTON 1 N	77.2	54.6	65.9		90	27	41	11	63	99	1	0	0	0	6.35		1.57	14	.0	0		9	5	3
TISKILWA 2 SE	81.4	56.8	69.1		92	27	44	20+	27	156	3	0	0	0	5.13	1.13	1.28	1	.0	0		6	4	3
WALNUT	81.5	57.2	69.4	- 2.1	92	27+	44	16	25	162	3	0	0	0	2.74	- 1.53	.91	28	.0	0		6	2	0
OIVISION			68.0	- 2.3											4.48	.11			.0					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	75.4	51.8	63.6	- 4.1	90	27	39	11+	106	69	1	0	0	0	4.92	.92	1.65	6	.0	0		7	3	2
AURORA	78.9	55.9	67.4	- 1.7	92	26	42	17	51	129	2	0	0	0	3.20	- 1.04	.66	1	.0	0		11	2	0
8ARRINGTON	76.1	54.9	65.5		92	27	41	11	75	97	1	0	0	0	4.17		.82	3	.0	0		10	3	0
CHICAGO O'HARE WSO AP R	76.7	53.9	65.3	- 2.8	91	26	41	11	83	101	1	0	0	0	3.42	- .73	.70	1	.0	0		7	4	0
CHICAGO UNIVERSITY //	78.9	57.2	68.1	- .8	94	27	45	17	43	142	2	0	0	0	3.48	- .31	.89	1	.0	0		8	3	0
CHICAGO MIOWAY AP //R	78.1	56.8	67.5	- 3.0	93	27	44	21	55	135	2	0	0	0	3.57	- .38	.91	1	.0	0		7	3	0
DE KAL8	79.6	56.5	68.1	- 1.4	92	26	43	17	42	140	2	0	0	0	3.90	- .46	.96	7	.0	0		8	3	0
ELGIN	76.3	53.4	64.9		90	27	43	17+	77	81	1	0	0	0	3.35	- .93	.80	28	.0	0		8	2	0
GE8HARO WOODS ST PARK	82.1	54.9	68.5		95	28+	41	11	39	152	5	0	0	0	4.04		1.51	2	.0	0		6	3	2
JOLIET 8RANOON RO OAM	79.4	55.3	67.4	- 3.2	92	28+	42	17	55	134	3	0	0	0	3.22	- .61	.95	2	.0	0		9	2	0
MARENGO	77.6	54.0	65.8	- 2.8	91	27	41	17+	73	106	2	0	0	0	6.21	2.06	1.31	14	.0	0		8	5	2
OTTAWA	83.6M	59.4M	71.5M	- .4	95	27	45	17	12	213	4	0	0	0	3.21	- .92	1.18	1	.0	0		6	2	1
PARK FOREST	77.8	57.0	67.4		92	27	42	17	58	138	2	0	0	0	3.85	- .34	1.74	1	.0	0		8	2	1
PERU 2 W	83.0	56.8	69.9	- 2.0	94	27	42	11+	34	187	5	0	0	0	3.37	- .31	.80	28	.0	0		7	4	0
WAUKEGAN	73.8	51.5	62.7	- 4.4	91	27	41	12+	116	53	1	0	0	0	3.79	- .23	1.38	3	.0	0		7	2	1
WHEATON 3 SE	81.0	54.0	67.5		92	27+	39	17	43	128	3	0	0	0	3.97	- .15	.73	8	.0	0		9	4	0
DIVISION			66.9	- 2.8											3.85	- .25			.0					
* * *																								
WEST 03																								
GALES8URG	79.9	58.5	69.2		93	27	47	8	26	160	2	0	0	0	5.58	.76	1.96	1	.0	0		7	4	2
GOLOEN 1 NW	83.6	60.6	72.1		94	28+	45	20	14	234	6	0	0	0	3.36	- 1.15	1.50	1	.0	0		7	2	1
LA HARPE	83.1M	58.5M	70.8M	- 1.3	94	27+	48	11	11	191	2	0	0	0	9.26	4.16	2.85	1	.0	0		6	4	4
MONMOUTH	81.6	58.8	70.2	- 1.0	94	26	47	20+	17	181	3	0	0	0	7.92	3.11	3.24	1	.0	0		6	4	4
QUINCY FAA AP	83.6	62.3	73.0		96	27	51	16	4	250	5	0	0	0	2.88	- 1.86	.98	1	.0	0		6	3	0
OUINCY OAM 21 //	83.8	59.0	71.4		96	28	50	21+	7	207	6	0	0	0	3.48	- .99	1.29	5	.0	0		6	3	1
RUSHVILLE	83.9	60.1	72.0	- .6	94	28+	46	20	9	228	4	0	0	0	3.57	- .98	1.93	1	.0	0		6	2	1
OIVISION			71.2	- 1.1											5.15	.26			.0					
* * *																								
CENTRAL 04																								
CHENOA	82.3	57.6M	70.0M		91	27	45	17	20	169	2	0	0	0	7.35		2.63	2	.0	0		6	3	2
DECATUR	85.2	57.2	71.2	- 1.9	97	27	40	20	14	207	8	0	0	0	2.38	- 2.47	1.59	2	.0	0		5	1	1
FARMER CITY	81.7	58.5	70.1		91	30+	45	20+	19	180	5	0	0	0	4.73		1.38	15	.0	0		6	4	2
HAVANA 4 NNE	82.5M	59.0M	70.8M		94	27	46	20+	18	199	3	0	0	0	5.47	1.39	1.68	2	.0	0		9	5	1
LACON 2 E	82.5	57.7	70.1		92	27+	44	17	19	177	4	0	0	0	6.52		2.36	1	.0	0		6	4	2
LINCOLN	83.0	59.9	71.5	- 1.3	92	27	47	20+	14	214	3	0	0	0	4.60	- .12	1.42	15	.0	0		6	4	3
MASON CITY 1 NW	82.2	59.3	70.8		92	27+	46	20+	19	201	3	0	0	0	5.10		2.10	2	.0	0		8	4	1
MINONK																								
NORMAL	82.2	60.2	71.2	- 1.3	93	28+	45	20	16	211	3	0	0	0	8.02	3.77	3.50	2	.0	0		6	4	3
PEORIA WSO AP //R	79.8	58.7	69.3	- 2.0	93	27	46	20+	26	160	2	0	0	0	8.94	5.03	4.42	2	.0	0		7	5	2
PRINCEVILLE	82.3	56.9	69.6		93	27	44	17+	18	163	3	0	0	0	3.20	- 1.03	.96	2	.0	0		7	3	0
OIVISION			70.5	- 1.7											5.63	1.35			.0					
* * *																								
EAST 05																								
DANVILLE	82.3	56.8	69.6	- 2.3	92	28+	41	17+	26	171	4	0	0	0	6.30	1.73	3.49	2	.0	0		9	2	1
HOOPESTON 1 NE	80.4	57.7	69.1	- 2.6	90	27+	42	17	32	162	2	0	0	0	6.94	2.56	2.34	2	.0	0		8	6	2
KANKAKEE WTR POLL CTR	80.2	57.0	68.6		94	28	43	20+	48	162	4	0	0	0	5.76		3.88	2	.0	0		8	2	1
PIPER CITY 3 SE	82.2	57.6	69.9	- 1.2	92	27+	44	20+	24	179	4	0	0	0	8.21	4.31	3.13	3	.0	0		9	4	2
PONTIAC	82.1	59.5	70.8	- .9	93	27+	46	17	21	199	3	0	0	0	6.29	2.35	1.84	1	.0	0		7	4	2
RANTOUL	80.2	58.9	69.6		92	28	46	20+	29	173	4	0	0	0	7.70	3.58	2.50	15	.0	0		7	4	3
UR8ANA	80.6	58.2	69.4	- 2.6	91	27	44	17	22	162	1	0	0	0	4.62	.24	1.49	2	.0	0		6	4	2

SEE REFERENCE NOTES FOLLOWING STATION INOEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JUNE 1980

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	80.0	54.7M	67.4M		91	28	36	20	64	142	5	0	0	0	8.18	4.31	3.64	2	.0	0		10	5	3
OIVISION			69.3	2.3											6.75	2.61			.0					
* * * WEST SOUTHWEST 06																								
ALION OAM 26	85.2M	62.9	74.1M		96	29	51	20	1	286	7	0	0	0	2.99		1.32	24	.0	0		6	1	1
CARLINVILLE	86.1	60.4	73.3	.0	94	28+	44	20	10	267	9	0	0	0	3.19	- 1.18	1.36	1	.0	0		4	2	2
GRIGGSVILLE	82.7	61.7	72.2	- 1.1	94	27	49	20	7	228	4	0	0	0	2.57	- 1.98	1.20	1	.0	0		6	1	1
HILLS8ORO	86.7	63.4M	75.1M	1.7	95	27+	48	20	3	309	12	0	0	0	2.89	- 1.77	1.25	1	.0	0		5	2	1
JACKSONVILLE 2 E	82.7	55.8	69.3	- 3.9	94	28	42	20	24	162	4	0	0	0	2.79	- 1.59	1.91	2	.0	0		3	1	1
JERSEYVILLE 2 SW	84.3	59.5	71.9		96	29+	44	20+	10	223	6	0	0	0	2.57		1.27	2	.0	0		4	1	1
MORRISONVILLE	84.7	57.9	71.3		93	29+	42	17	13	209	8	0	0	0	3.05		1.65	2	.0	0		4	2	1
PANA	81.9	60.9	71.4	- 2.0	91	27	47	20	15	217	2	0	0	0	1.75	- 2.89	.85	2	.0	0		4	1	0
SPRINGFIELO WSO AP R	84.2	59.8	72.0	- .9	97	27	46	20+	8	228	7	0	0	0	3.23	- .93	2.57	1	.0	0		3	1	1
VIROEN 1 N	85.3M	61.2	73.3M		96	28+	45	11	11	270	7	0	0	0	3.07	- 1.21	1.58	2	.0	0		7	1	1
WHITE HALL 1 E	86.4	61.3	73.9	.6	95	29+	49	20	4	278	9	0	0	0	2.99	- 1.52	1.34	1	.0	0		4	2	1
OIVISION			72.5	- 1.1											2.83	- 1.68			.0					
* * * EAST SOUTHEAST 07																								
CASEY	M	M	M		92	26+					4	0	0	0					.0	0				
CHARLESTON	83.2	60.2	71.7	- 1.4	91	14	43	20	15	223	4	0	0	0	4.30	- .30	2.50	2	.0	0		5	3	1
EFFINGHAM 3 W	81.7	58.3	70.0	- 3.2	91	28+	43	11	30	186	5	0	0	0	5.29	.31	2.47	29	.0	0		8	3	1
FLORA 5 NW	86.1	59.2	72.7	- 1.4	94	28	41	11	20	257	9	0	0	0	3.03	- 1.48	1.15	23	.0	0		7	2	1
MATTOON	83.6	58.9	71.3		93	27	46	20+	14	210	5	0	0	0	4.55		3.47	1	.0	0		4	2	1
MOWEAQUA	83.3	60.0	71.7		94	27	44	20	14	219	5	0	0	0	4.30		3.60	1	.0	0		4	1	1
NEWTON 6 SSE	83.6	59.8	71.7		93	16+	44	11	18	226	7	0	0	0	4.99	.72	1.50	29	.0	0		8	3	2
OLNEY 2 S	86.1	60.9	73.5	- .6	94	14+	44	11	12	275	10	0	0	0	6.61	2.11	2.68	29	.0	0		6	4	2
PALESTINE	83.2	61.2	72.2	- 2.2	93	14+	45	11	13	236	7	0	0	0	5.80	1.48	1.62	23	.0	0		9	6	2
PARIS WATERWORKS	82.7	58.6	70.7	- 2.3	92	7	42	11	22	198	5	0	0	0	4.19	- .60	1.75	1	.0	0		6	2	1
SALEM	87.6	61.5	74.6		96	14	47	20+	6	301	11	0	0	0	2.90		1.35	29	.0	0		5	2	1
TUSCOLA	83.9	59.4	71.7		92	27+	44	20+	18	224	6	0	0	0	3.43	- .83	1.10	1	.0	0		6	3	2
WINOSOR	83.3	60.8	72.1	- .9	93	27	43	20	12	231	4	0	0	0	3.75	- 1.25	2.98	1	.0	0		4	1	1
OIVISION			72.0	- 1.5											4.43	- .11			.0					
* * * SOUTHWEST 08																								
ANNA 1 E	87.8	62.7	75.3	.5	96	28	49	20	2	317	15	0	0	0	2.85	- 1.54	.96	23	.0	0		7	2	0
8ELLEVILLE SO ILL UNIV	87.4	59.5	73.5		94	28+	44	20+	6	268	11	0	0	0	1.84		.71	23	.0	0		6	1	0
CAHOKIA																								
CAIRO WSO CI R	87.9	67.7	77.8	.1	96	28+	55	20	0	393	13	0	0	0	5.56	1.17	2.62	23	.0	0		4	3	2
CAR8ONOALE SEWAGE PL	86.4	61.1	73.8	- 1.4	96	29	45	12	9	276	14	0	0	0	5.04	1.03	2.68	29	.0	0		4	4	2
CARLYLE RESERVOIR	85.6	63.6	74.6	- .1	96	29	52	12+	3	300	11	0	0	0	2.72	- 1.95	1.14	24	.0	0		4	2	1
OU OUOIN 4 SE	87.0	61.3	74.2	- .8	97	28	47	12	6	287	11	0	0	0	2.63	- 1.32	.94	28	.0	0		6	2	0
KASKASKIA R NAV LOCK	85.8	61.3	73.6		99	29	50	17	5	269	9	0	0	0	2.96		2.40	29	.0	0		3	1	1
MARION 4 NNE	85.9	60.5	73.2		97	29	46	12	10	264	12	0	0	0	4.13	.39	2.86	29	.0	0		6	1	1
NASHVILLE 4 NE	87.1	62.9	75.0		97	28	48	20	2	311	11	0	0	0	1.67	- 2.62	.63	23	.0	0		4	2	0
SPARTA	89.1	62.8	76.0	.8	98	28	47	20	1	338	14	0	0	0	2.12	- 1.87	1.20	29	.0	0		6	1	1
WATERLOO	86.6	63.0	74.8		98	29	49	20	2	303	12	0	0	0	2.69	- 1.41	1.61	29	.0	0		5	1	1
DIVISION			74.7	- .4											3.11	- 1.21			.0					
* * * SOUTHEAST 09																								
AL8ION	88.8	63.9	76.4		97	22	48	20	2	351	16	0	0	0	2.94	- 1.47			.0	0				
8ROOKPORT DAM 52	88.6	62.7M	75.7M		95	28	46	12	2	328	16	0	0	0	3.61	- .44	1.44	29	.0	0		4	3	2
DIXON SPRINGS AGR C	87.7	62.1	74.9		93	29+	46	9	3	308	12	0	0	0	4.48		1.80	29	.0	0		6	2	2
FAIRFIELO RAOIO WFIW	86.9	60.3	73.6	- .6	94	28+	45	12	9	274	12	0	0	0	3.90	.45	1.58	23	.0	0		4	3	2
HARRIS8URG	89.5	62.5	76.0	.2	97	28	47	12	1	334	15	0	0	0	3.32	.59	1.40	24	.0	0		5	3	1
MC LEANS8ORO 2 ENE	85.3	60.4	72.9	- 2.4	94	8	47	20	11	251	9	0	0	0	2.80	- 1.21	1.80	24	.0	0		4	1	1
MT CARMEL	85.2	60.0	72.6		95	16	48	21+	10	247	10	0	0	0	5.46		2.80	24	.0	0		4	3	2
MT VERNON 3 NE	86.4	59.8	73.1	- 1.6	97	29	43	20	8	256	11	0	0	0	2.26	- 1.90	.95	29	.0	0		4	1	0
RENO LAKE DAM	85.5	61.9	73.7		97	29	51	9	6	275	11	0	0	0	2.55		.72	23	.0	0		6	3	0
ROSICLARE	85.4	61.8	73.6		92	28	46	12	5	270	6	0	0	0	5.40	1.21	2.65	29	.0	0		3	3	2
OIVISION			74.3	- .7											3.67	.57			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	5.07	1.47	1.40		.20									.36	.97	.59								.08								
DIXON 2 W	3.51	.68		1.12			.18	.04	.09						.33	.23													.84			
FREEPORT WASTE WTR PLT	5.11	.55		.95		.02	.50		.05						.75	.50	.58				.01								1.20			
FULTON DAM 13	4.26	.72		.89		.02	.43	13	.08						.72	.23	.07												.97			
GALENA	5.06	.16		1.50		.02	.61	.06			T				.77	.62	.17								T				1.15			
GALVA	6.29	1.50	.75	.31		.10	T		.05					.10	1.52	.51	.05							.07	.16				1.17			
GENESEO	4.59	.79	.29		.11		.01	.69			.01			.22	.59	.33								.08					1.47			
HENNEPIN POWER PLANT	3.57	.77	.17				T		1.17		.03				.35	.37	T								.06				.65			
ILLINOIS CITY DAM 16 //	4.59	.62	T	.27	T	.23	T	T	.30					.04	2.55	.55	.02			.01				T								
KEITHSBURG	6.49	2.43	.96	.98	.05	.15								.07	1.23	.54				.01				.07								
KEWANEE 1 E	4.79	.90	.33	.17	.05	.03	.02	.06		T			.12	.75	.56								.47					1.33				
MOLINE WSO AP R	4.97	.93	.31		.19		.01	.51						.62	1.00	.33								.01				.55	.51			
MORRISON	3.98	.72	.04	.94		.01	.21	T	.14						.75	.17	.03												.97			
MOUNT CARROLL	3.80			.66		.03	.63	.21	.01						.57	.16	.41												1.12			
NEW BOSTON DAM 17	4.42	1.26	1.00	.46	T	.22		T						.05	.92	.46				.05				T								
PAW PAW	2.35	.73		.27			.07		.02						.14	.29													.83			
ROCHELLE	3.58	.50		.72			.20		.30						.51	.20					.35								.80			
ROCKFORD 6 ENE	4.68	.52	.02	1.00			.25		.79		.03				.27	T	.72				.16								.92			
ROCKFORD WSO AP //R	6.06	.58	.72			T	.15	2.69		T				.15	.04	.81				.09								.73	.10			
STOCKTON 1 N	6.35	.34		1.07	T		.55	.01	.13						1.57	.81	.45			1				.22					1.20			
TISKILWA 2 SE	5.13	1.28	1.21			.04	.03	1.21			T			.05	.33	.45								T	T				.53			
WALNUT	2.74	.56	.26		T		.04							.24	.37	.36													.91			
* * * NORTHEAST 02																																
ANTIOCH 2 NW	4.92	T	.59	1.36			1.65	T	.35		.06				T		.25				.24								.42			
AURORA	3.20	.66	.39	.25			.22		.25		.18				.13	.25	.11				.13				T				.63			
BARRINGTON	4.17	.48	.30	.82			.44		.33		.03				.12	.12	.57				.39								.57			
CHANNAHON DRESDEN ISL	5.25	1.36	2.38	.32			.15		.01		.04				.03	.31					.18								.47			
CHICAGO O'HARE WSO AP R	3.42	.70	.62	T			.20	.61	T	.02				.09		.39			T	.27								T	.52			
CHICAGO UNIVERSITY //	3.48	.89	.29	.01			.22	.17	.61						.70						.12				.01				46			
CHICAGO MIDWAY AP //R	3.57	.91	.02	.28			.25		.60		.02				.45	.60	.01								.03				.40			
DE KALB	3.90	.64	.09	.14			.17	.96		.01	.02			T	.24	.47				.31									.85			
ELGIN	3.35	.45	.13	.27			.38								.71	.32	.09				.20								.80			
GEBHARD WOODS ST PARK	4.04	1.13	1.51	.26			.07				.09				.09	.28									.10				.51			
JOLIET BRANDON RD DAM	3.22	.54	.95	.30			.24		T		.13				.22	.21	.13				08				T				.42			
MARENGO	6.21	.46	.06	1.23	.01		.43	.01	.79						1.31	.07	.78			.02	.34								.70			
MARSEILLES LOCK	3.46	.66	.80	.20		T	.05		.19		.03				.17	.34	.02								.05				.95			
MC HENRY LOCK AND DAM	5.36	.52	T	1.25			.69		.75		.09				.06	.60	.68				.27								.45			
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	
OTTAWA	3.21	1.18	.48				.03	.21							.20	.32								T	.01				.78			
PARK FOREST	3.85	1.74	.31	.19			.28				.12				.05	.53	.02				.17				T				.44			
PEOTONE	5.77	T	3.76	.25			.25		.06		.28				.15	.29					.41				.06				.26			
PERU 2 W	3.37	.55	.55		T		T	.56	.15	T					.39	.37													.80			
STREATOR 2 ENE	5.34	2.00	.76		T			1.24			.02				.13	.49								.03	.02				.63	.02		
UTICA STARVED ROCK DAM	3.81	.86	.82	.23			.04		.47		.03				.26	.33									.01				.76			
WAUKEGAN	3.79		.39	1.38			.56	.01	.36		.04				T	T	.39				.28								.38			
WHEATON 3 SE	3.97	.54	.69	.37			.28		.73						.12	.41					.15				.03				.65			
* * * WEST 03																																
AVON 5 NE	8.93	1.92	.47	2.98		.12		T						.01	.69	2.51	.20			.03											T	
BENTLEY 1 E	5.08	1.01	2.34	.55	.24	T								.06	.43	.45								T					T			
CANTON 1 ESE	9.48	1.18	3.90	.18	.12		.03	T	T					T	.38	2.90								.78		.01						
GALESBURG	5.58	1.96	.40	.83		.15			.06					.04	1.03	.92	.06												.13			
GLADSTONE DAM 18	7.96	2.24	.25	1.30	T	.17	.02							.09	1.14	2.67				.08												
GOLDEN 1 NW	3.36	1.50	.47	.41	.58									T	.15	.11								.14								
LA HARPE	9.26	2.85	1.70	2.52	.20									T	.41	1.58								T								
MACOMB	8.46	1.27	2.28	3.05		.22	T		T					.01	.45	1.18								T								
MONMOUTH	7.92	3.24	1.87	.07	.17		T	.02						.10	1.08	1.32				.05												
MOUNT STERLING	.93	.10	.36	.25										T	.22									T								
PAYSON	2.43	.53	.54	.09	.31	.70	T		T					.10	.08	T	T		T		.02			T	.06					T		
QUINCY FAA AP	2.88	.98	.19		.86									.10	.20	T							T	.55								
QUINCY DAM 21 //	3.48	.55	.42	.08	.15	1.29								.10	T	T								T	.89							
QUINCY MEMORIAL BRIDGE	1.56	.50	.37	.12	T									.08	.07	T	T				T			T	.42							
RUSHVILLE	3.57	1.93	.68	.12	.22	T								.02	.35	.25								T								
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	6.26	.55	1.25	2.24		.01			.17						.10		.34				T			T	T				1.60			
CHENOA	7.35	1.88	3.63	.02				.28							.10	.95				1				.02					.47			
CHILLICOTHE	7.16	3.20	.46	.87		.05		.17							.72	.47	.07												1.15			
CLINTON 1 SSW	4.34	1.45	1.04	.02	.03	T		.03		T					T	1.07	.42			1				.06	.06				.16	T		
DECATUR	2.38	1	1.59	.09		.12	T	.15	1						.01	.10	.02				T			17	.08				.05			
FARMER CITY	4.73		1.11	.97		T										1.28	.17								.45				.65			
HAVANA 4 NNE	5.47	.57	1.68	.95		.20	.11								.21	.88	.29							.50	.08							
LACON 2 E	6.52	2.36	1.72	T	.04		.01	.47						.09	.39	.60								T					.84			
LINCOLN	4.60		1.16	1.17		.07										1.42	.14							.10	.04				.50			
MACKINAW	7.96	.71	3.98		.08			.05						.10	.30	1.28								.05					1.41			
MASON CITY 1 NW	5.10	.60	2.10	.69	.14			.03							.13	.97	.16							.26	T				.02			
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT PULASKI	2.82	.80	1.16					.20							.18	.15								.23					.10			
NORMAL	8.02	.57	3.50	.09	.02	T	.02	.02						.02	.12	1.90	.10			.01				.01					1.64			
PEORIA WSO AP //R	8.94	2.13	4.42		.06		T	T						.18	.75	.74				1				.13					.53			
PETERSBURG 3 SSW	2.67	.80	.80	.18		.26		.30							.01	.02	.08								.22							
PRINCEVILLE	3.20	.16	.96		.09		T	.08						.29	.80	.55							.10	.04	.03				.10			
* * * EAST 05																																
DANVILLE	6.30	.90	3.49	T				.10			.11					.48	.16							40	.48				.18			
DANVILLE SEWAGE PLANT	4.41	.22	2.14						.40		.09	.01				.35	.26								.75				.19			
GIBSON CITY 1 E	6.75	.08	1.68	2.60		T			.10		.03					.70	.65							T	.43				.48			
HOOPESTON 1 NE	6.94	.38	2.34	1.36		T	T		.80		.14				T	.61	.53				.06				.68	T			.04	T		
KANKAKEE WTR POLL CTR	5.76		3.88	.27			.14	.62	T		.10				.04	.42									.11				.18			
MONTICELLO 2	3.95	1.92	.33												.54	.24							.69	.17				.06				
PIPER CITY 3 SE	8.21	.51	2.08	3.13		T			.87		.03				.02	.34	.36				.10				.49				.28			
PONTIAC	6.29	1.84	1.81	.60		T			.78		.06				.07	.46	.05								.13				.49			
RANTOUL	7 70	.30	1.95	1.40					T		.02					2.50	.30				T			T	.80				.43			
SIDELL	2.46	.01	1.32	.14											.01	.05	.21							.01	.48				.23			
URBANA	4.62		1.49	1.29		T			T		T					.52	.14				.01			.05	.91				.21			
WATSEKA 2 NW	8.18	.35	3.64	1.03	T		.03		1.23		.18				T	.30	.62				.10				.58				.12			
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	2.99	.24	.27	T		.31	.03														.37				1.32					.45		
BEARDSTOWN	3.19	1.05	.60	.42		.20	.37							.55			T								T							
BLUFFS	3.18	1.27	.04		.69										.22									.96								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE		3.19	1.36	.02		.18		.09										.24							1.29	.01				T			
EDWARDSVILLE 1 NE		3.59	.20	1.02			.10	.04														.23			.04	.86					1.10		
GRAFTON		3.94	.92	.92			.21	T														.69			T	.67					.53		
GREENFIELD		1.50	.20	.80	.03		.42	.02								T		T		T					.01	.02					T		
GREENVILLE 1 E		2.71	.11	.35			.08	.03										.13				.49			.23	55					.74		
GRIGGSVILLE		2.57	1.20	.21	.28		.41									.15		.05		T						.27							
HILLSBORO		2.89	1.25	T		.20			T								.44				T				.70					.30			
JACKSONVILLE 2 E		2.79	.33	1.91	.09		.24		T								.07	.08		T					.07								
JERSEYVILLE 2 SW		2.57	.39	1.27	.02	.38	.32	.04														T			.07	.08							
KINCAID		4.41	T	2.10	.01		.31		.11							.11		.05							1.08						.64		
MEDORA		2.59	1.60	.02		.70		.02	.01						T				T						.12	.02					.10		
MORRISONVILLE		3.05	T	1.65	.02	T	.26	T	.32	T							.01								.69					.01	.09		
MOUNT OLIVE 1 E		2.65	.18	.91														.18							.10	.37					.91		
PANA		1.75	.08	.85	.02		.24		.03	.01							T	.22							.11	.07	T			.05	.07		
SPRINGFIELD WSO AP	R	3.23	2.57	.17		.28		.06	T						T	.05	.05								.04					.01			
VIRDEN 1 N		3.07	.10	1.58		.05	.20	.48	.01						.07			.10							.13					.35			
VIRGINIA		4.59	2.18	.32	.40	.20			.60					T	.18	T	T	.12							T	.59							
WHITE HALL 1 E		2.99	1.34	.02	.21	.45										.07		.02	1						.88	T							
▪ ▪ ▪ EAST SOUTHEAST	07																																
CASEY		-	-	-	-	-	-	-	-	-	-	-	-	-	-		.10	.01			T				.03	.48	T			1.76	T		
CHARLESTON		4.30	.53	2.50	.02					.11							.07									.87					.20		
CLAY CITY 6 SSE		4.06	.12							.13								.51				.24			.53	1.25					1.28		
DIONA 3 SW		3.53	2.15						.16								.06							.63						.53			
EFFINGHAM 3 W		5.29	.02	.63			.16	T	.15	.28								.85				.39			.07	.27					2.47		
FLORA 5 NW		3.03	.21			.09	.08			.13								.60			.29				1.15	.29				.14	.05		
GREENUP		3.76		.85					T	.24								.20				.26				.79					1.42		
HUTSONVILLE POWER PL		5.04		.55	.03		T			.94							.02	.29	1			.11	.05			1.15					1 90		
LAWRENCEVILLE		7.17		.08	T		.07			.35			T					1.05				.10			.29	1.66					3.57		
MATTOON		4.55	3.47	.02		T			.12								.08								.63					.23			
MOWEAQUA		4.30	3.60	.03	T	.23		.07	T	1								T							.10					.22	.05		
NEWTON 6 SSE		4.99		.29	1		.18			.45								.77				.34			.46	1.00					1.50		
OLNEY 2 S		6.61	.02			.04				.82								.25			.16				1.82					.82	2.68		
PALESTINE		5.80	.67	T		T	.12		.90									.51			.10				1.62	.22				.65	1.01		
PARIS WATERWORKS		4.19	1.75	.09	T	T	T	T	.83							1	.25	.37			.03				.40	.47				T			
SAINTE MARIE		4.77		.36			.04	.02		.26								1.15				.03			.48	1.34					1.09		
SALEM		2.90	.36			.02	T	T										.04			.17				.71	.17				.08	1.35		
TUSCOLA		3.43	1.10	.44	.01	T		.02	T						T	.11	.14	.55							1.06								
WINDSOR		3.75	2.98	T		.07		T	.03	T						1	T	.08							.30	.05				.14	.10		
▪ ▪ ▪ SOUTHWEST	08																																
ANNA 1 E		2.85	.12							.30								.20		.10	T				.96	.31					.86		
BELLEVILLE SO ILL UNIV		1.84	.17			.22		.01		.13											T				.71	.19					.41		
CAHOKIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAIRO WSO CI	R	5.56	.09						.20																2.62	.86					1.79		
CARBONDALE SEWAGE PL		5.04	.03	T		T	T			.51									T	T		T	T	T	1.30	.52					2.68		
CARLYLE RESERVOIR		2.72	.08	.05			.32											1				.08			.26	1.14	T				.79		
CENTRALIA		2.55	.18				.05											T				.03			.76	46	T				1.07		
CHESTER		3.76	.13																	.05		.06			.70	.52					2.30		
DU QUOIN 4 SE		2.63				.08			.58									.12	1		.10				.49					.94	.32		
GRAND TOWER 2 N		4.07																				.12			.71	.87					2.37		
KASKASKIA R NAV LOCK		2.96	.13				.04													.01					.38						2.40		
MARION 4 NNE		4.13	.04		T		.18			.29										.11		.05			.24	.36					2.86		
NASHVILLE 4 NE		1.67	.03				.29			.03												T	T		.63	.16					.53		
PRAIRIE DU ROCHER 1WSW		3.56	.14				.14											.24				.10			.62	.02					2.30		
RED BUD 5 SE		3.28	.20	T			.10	.05		.11															.88	.52					1.42		
SPARTA		2.12	.11	T		.13		.01		.11								.11							.45						1.20		
WATERLOO		2.69	.22				.23	.02	.03																.13	45					1.61		
▪ ▪ ▪ SOUTHEAST	09																																
ALBION		2.94	.09							.20								.09			.04				▪	1.67					.85		
BENTON FOREST SERVICE		2.21					.04			.25								.35							.57	.42					.58		
BROOKPORT DAM 52		3.61	.12							.75									T	.01					T	1.26	.02				1.44	.01	
CARMI 6 NW		3.06	.03			.02				.33								.29				.55			.70	.99					.15		
DIXON SPRINGS AGR C		4 48	.08							.20								.12				.10			.42	1.76					1.80		
FAIRFIELD RADIO WFIW		3.90	.06				T			.26								.03			.03		.03		1.58	1.10					.81		
GOLCONDA DAM 51		5.28	.34							.33								T	.30							2.38					1.90	.03	
HARRISBURG		3.32	.10							.14					T					T					.80	1.40					.88		
HARRISBURG DISPOSAL PL		3.20	.07							.16										.06				T	.69	1.15					1.07		
MC LEANSBORO 2 ENE		2.80	T				.02		T	.22								.06							.40	1.80	T				.30		
MT CARMEL		5.46								.74								.32				.03				2.80					1.57		
MT VERNON 3 NE		2.26						T		.28								.03				.03			.46	.49	.02				.95		
RENO LAKE DAM		2.55	.01				.11			.34								.17							.72	.58					.62		
ROSICLARE		5.40		T						.65								.04							.07	1.99					2.65		
SHAWNEETOWN NEW TOWN		3.57	.05				.05			.05										T		.62				2.18					.62		
WAYNE CITY 1 N		3.07								.48															.61	.70					1.28		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JUNE 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	80	77	79	77	87	86	83	80	81	79	79	81	82	85	83	69	72	81	77	77	81	84	85	84	89	93	93	90	84	81		82.0
	MIN	61	64	59	57	63	66	74	51	55	57	48	54	60	64	59	46	50	52	59	48	55	60	65	61	63	68	70	68	63	54		59.1
DIXON 2 W	MAX	78	75	75	77	72	88	86	81	69	77	69	77	80	77	84	61	68				77	81	85	82	85	88	91	91	91	74		79.2
	MIN	58	61	56	56	56	62	65	49	53	46	43	51	54	59	55	44	43	48	57	42	57	54	65	62	61	62	65	65	59	53		55.4
FREEPORT WASTE WTR PLT	MAX	78	72	76	77	72	87	83	82	71	76	70	78	82	80	86	60	69	74	82	67	77	80	87	86	84	89	92	90	86	73		78.9
	MIN	56	57	55	54	57	62	66	49	56	45	44	49	63	63	54	44	46	53	56	48	52	56	60	61	61	61	64	64	66	55		55.9
FULTON DAM 13	MAX	79	73	77	78	77	86	85	80	80	78	70	78	80	78	85	63	69	72	80	68	77	80	85	86	84	89	91	92	85	75		79.3
	MIN	59	59	62	58	59	62	62	54	54	48	49	52	56	60	62	51	52	53	60	54	56	58	62	66	66	66	70	67	67	60		58.8
GALVA	MAX	80	81	76	80	74	87	83	84	70	80	73	79	80	81	86	71	70	72	81	73	76	80	85	80	83	88	92	92	88	76		80.0
	MIN	58	62	60	58	56	66	71	52	52	52	50	52	59	59	64	45	49	53	56	50	55	58	66	64	65	70	70	66	64	55		58.6
GENESEO	MAX	80	77	80	74	89	83	83	72	80	72	80	81	79	87	76	69	74	68	71	77	82	86	82	84	89	93	94	88	78	80		80.3
	MIN	60	63	62	58	65	65	65	54	56	49	50	56	59	64	55	48	51	54	56	50	56	62	58	64	64	71	74	66	63	56		59.1
HENNEPIN POWER PLANT	MAX	81	82	77	78	75	88	86	86	71	79	71	78	81	81	86	69	71	73	81	74	77	81	82	79	83	90	92	93	89	79		80.4
	MIN	61	64	60	55	58	64	73	53	57	48	45	49	61	64	65	49	43	48	52	45	52	53	62	65	63	64	69	67	60	54		57.4
KEWANEE 1 E	MAX	79	82	76	78	73	88	82	77	79	70	77	79	78	85	75	72	72	80	72	75	79	84	78	82	86	92	91	87	84	85		79.9
	MIN	49	63	60	56	56	64	73	55	49	43	50	58	61	61	45	44	44	44	45	51	53	63	62	60	66	68	65	60	55	60		56.1
MOLINE WSO AP	MAX	80	78	79	77	89	84	84	72	81	72	79	82	82	85	72	70	72	82	71	75	81	85	86	84	89	93	94	89	78	80		80.8
	MIN	62	62	62	57	64	66	61	53	55	49	44	54	61	63	55	50	50	50	51	47	51	57	66	62	62	67	64	64	61	55		57.5
MORRISON	MAX	79	77	76	79	74	87	84	82	70	79	70	79	79	78	85	68	69	71	81	68	77	80	84	83	84	88	91	91	86	74		79.1
	MIN	59	58	58	57	57	62	65	50	54	47	44	50	58	64	65	45	46	49	54	46	51	55	66	63	61	64	67	67	61	54		56.6
MOUNT CARROLL	MAX	78	74	75	77	72	85	83	81	70	78	70	77	80	78	85	61	69	73	80	68	76	79	84	84	83	88	91	91	85	73		78.3
	MIN	57	54	53	55	56	62	62	48	49	44	39	45	57	61	57	43	42	46	55	42	47	50	60	56	57	62	66	65	57	47		53.1
PAW PAW	MAX	77	77	74	76	69	88	87	82	68	77	67	78	82	79	86	60	67	73	80	70	77	80	86	78	83	90	90	93	87	75		78.5
	MIN	57	59	56	55	55	56	57	49	48	46	46	48	52	57	55	45	44	48	53	45	48	59	65	63	62	65	64	63	61	53		54.5
ROCHELLE	MAX	72	70	72	74	74	82	83	77	65	74	64	70	77	75	80	57	63	71	79	62	78	77	82	78	85	90	92	91				75.5
	MIN	52	59	57	54	56	62	61	48	48	45	45	50	53	61	55	44	44	50	57	45	54	54	58	63	64	65	64	65	59	51		54.8
ROCKFORD WSO AP	MAX	72	78	77	73	86	84	81	69	75	67	75	81	80	83	74	67	72	80	66	77	80	85	82	84	88	91	89	86	74	78		78.5
	MIN	58	57	56	53	60	63	59	49	47	43	41	53	59	67	48	42	42	50	47	44	51	57	64	64	63	66	64	64	58	54		54.8
STOCKTON 1 N	MAX	76	71	74	74	71	85	80	79	69	76	69	76	80	84	80	65	67	72	79	67	75	79	85	84	80	87	90	89	83	71		77.2
	MIN	56	53	54	55	57	61	67	48	45	43	41	54	63	55	55	43	48	51	53	46	50	55	62	57	60	67	63	64	60	53		54.6
TISKILWA 2 SE	MAX	82	77	78	75	86	87	83	78	78	75	78	80	79	86	83	70	73	81	80	76	82	86	81	84	90	91	92	89	85	78		81.4
	MIN	60	69	59	55	60	63	68	51	55	47	44	50	58	64	59	45	44	47	57	44	50	54	62	65	62	64	68	66	59	54		56.8
WALNUT	MAX	79	76	77	80	88	88	84	70	78	79	78	80	85	84	85	69	71	80	81	76	80	85	83	83	88	92	92	90	87	78		81.5
	MIN	59	63	56	57	60	63	50	50	52	48	48	50	58	64	58	44	48	52	57	46	55	60	66	63	66	68	70	66	65	54		57.2
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	77	60	76	71	71	77	79	81	67	70	63	74	78	77	85	54	66	74	78	64	77	80	85	84	80	87	90	78	86	73		75.4
	MIN	52	54	54	49	49	59	61	47	48	39	39	43	53	62	52	42	42	44	49	44	47	56	57	59	60	63	56	56	64	55		51.8
AURORA	MAX	78	76	72	73	84	86	80	69	73	66	76	80	78	86	75	67	72	82	69	77	81	87	80	84	90	92	88	88	78	81		78.9
	MIN	57	61	56	58	60	62	68	49	53	44	43	53	59	64	50	45	42	49	52	45	51	55	64	63	64	66	63	66	60	55		55.9
BARRINGTON	MAX	77	69	76	72	72	80	82	79	71	71	65	75	79	76	85	55	61	73	80	69	77	80	82	83	82	89	92	76	83	72		76.1
	MIN	52	53	55	50	54	62	64	48	51	43	41	52	60	64	54	45	42	51	52	44	53	57	66	61	63	67	59	60	64	61		54.9
CHICAGO O'HARE WSO AP	MAX	80	78	69	72	81	80	80	66	69	57	74	79	74	85	70	64	74	79	69	76	79	85	80	82	89	91	77	89	76	77		76.7
	MIN	58	57	52	50	57	64	55	49	43	42	41	52	60	62	49	44	42	52	43	43	51	56	62	65	62	66	62	61	61	56		53.9
CHICAGO UNIVERSITY	MAX	80	78	75	66	77	80	80	80	70	72	72	77	80	82	86	56	69	79	80	75	79	86	88	81	84	91	94	86	86	77		78.9
	MIN	57	57	55	52	56	63	65	50	56	48	47	57	63	62	47	46	45	55	53	49	57	61	65	64	65	71	59	63	67	60		57.2
CHICAGO MIDWAY AP	MAX	80	78	76	72	72	82	80	83	66	75	63	78	80	74	87	63	67	75	83	68	75	81	88	82	86	90	93	85	86	75		78.1
	MIN	59	58	57	52	51	62	60	48	54	48	45	56	61	65	53	46	46	54	58	47	44	61	68	64	64	68	63	65	64	63		56.8
DE KALB	MAX	78	75	74	74	84	85	85	76	73	67	75	80	79	81	81	67	73	79	78	76	79	83	83	82	87	92	91	87	86	78		79.6
	MIN	58	65	56	56	59	62	70	48	52	45	45	55	61	68	55	44	43	47	54	44	52	57	66	63	63	66	62	65	60	55		56.5
ELGIN	MAX	77	72	75	74	73	82	84	79	66	70	65	75	79	76	84	55	66	72	79	67	75	79	84	80	83	88	90	80	87	72		76.3
	MIN	56	56	55	51	55	51	64	48	43	43	45	51	57	54	53	44	43	49	52	45	52	56	58	63	64	67	60	57	59	52		53.4
GEBHARD WOODS ST PARK	MAX	83	82	76	77	75	85	89	85	78	77	72	81	83	82	90	63	74	75	85	71	80	86	90	85	86	95	95	95	89	79		82.1
	MIN	59	59	60	55	57	62	67	52	48	46	41	51	50	55	58	48	42	48	53	44	51	56	54	56	64	66	64	66	61	55		54.9
JOLIET BRANDON RD DAM	MAX	80	81	75	72	73	84	88	83	71	75	67	77	81	81	86	61	68	71	82	73	78	82	86	78	84	90	92	92	89	81		79.4
	MIN	57	58	58	53	58	61	63	50	51	46	43	51	58	60	55	48	42	49	55	43	47	56	59	66	64	66	63	64	60	54		55.3
MARENGO	MAX	78	73	77	75	74	83	84	81	64	72	66	76	81	78	85	55	68	73	82	64	76	81	86	83	85	90	91	82	87	77		77.6
	MIN	51	56	55	50	55	62	65	46	48	42	41	50	60	62	54	43	41	51	51	44	53	58	62	61	62	66	59	59	62	52		54.0
OTTAWA	MAX	83	78	78	77	87	89	86	80	78	80	83		83	88	84	72	73	84	82	80		89	82	85	93	93	95	92	86	81		83.6
	MIN	61	57	60	56	63	64	72	52	58	47	56		61	67	54	51	45	49	59	47		57	69	68	67	67	70	68	62	55		59.4
PARK FOREST	MAX	78	81	75	72	75	82	83	82	68	73	62	75	79	77	86	56	63	70	81	72	76	81	86	79	83	90	92	87	88	81		77.8
	MIN	57	59	57	59	62	62	66	49	51	46	44	56	59	62	54	50	42	49	59	44	53	60	66	66	64	68	63	66	61	55		57.0
PERU 2 W	MAX	84	82	79	76	85	89	86	84	74	71	76	84	83	86	82	76	70	80	75	78	83	87	85	87	91	93	94	93	90	88		83.0
	MIN	60	65	60	56	59	57	71	55	50	42	42	54	60	61	59	44	43	52	56	44	50	55	65	62	61	65	68	71	58	58		56.8
WAUKEGAN	MAX	78	64	73	65	67	78	74	80	68	70	55	73	80	77	86	53	60	74	77	62	75	79	85	78	75	84	91	71	87	75		73.8
	MIN	52	49	52	49	48	55	58	46	47	46	41	41	52	58	50	46	42	45	51	45	49	55	56	59	60	62	57	56	64	55		51.5
WHEATON 3 SE	MAX	78	76	74	72	82	83	79	79	72	71	77	81	80	87	86	67	74	82	80	78	82	88	87	83	91	92	92	88	89	81		81.0
	MIN	52	63	55	49	56	62	66	49	52	42	40	47	59	61	51	48	39	47	52	42	49	52	58	63	62	65	62	66	58	54		54.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JUNE 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
WEST 03																																	
GALESBURG	MAX	83	75	79	74	86	83	85	70	80	72	76	80	84	85	72	69	72	80	74	74	80	83	80	82	86	92	93	88	80	81		79.9
	MIN	61	63	60	57	64	69	65	47	53	55	48	65	60	64	53	48	49	52	55	48	58	60	68	65	66	68	73	52	57	53		58.5
GOLDEN 1 NW	MAX	80	81	80	80	87	89	87	84	79	77	79	80	89	90	85	70	75	83	79	71	84	86	80	84	91	94	94	94	90	85		83.6
	MIN	64	62	61	59	63	71	75	54	53	57	49	54	62	67	65	49	53	59	61	45	55	60	65	65	64	69	71	75	59	52		60.6
LA HARPE	MAX	85	77	80	80	88	86	82	81		78	79	80	87	88	82	71	75	82	78	78	83	85	83	85	89	94	94	89	88	83		83.1
	MIN	63	61	59	57	62	68		51		49	48	54	60	65	62	49	50	52	58	50	56	57	55	65	65	67	70	73	60	53		58.5
MONMOUTH	MAX	82	77	79	75	87	84	87	80	80	76	78	79	83	85	82	68	72	81	75	75	82	84	82	84	88	94	93	92	81	83		81.6
	MIN	62	62	58	56	62	67	75	52	52	55	48	54	59	63	61	47	49	50	59	47	55	58	66	63	64	67	70	68	60	55		58.8
QUINCY FAA AP	MAX	83	83	80	76	87	89	86	70	80	79	79	82	91	92	85	72	75	83	81	79	84	86	82	83	87	94	96	93	86	84		83.6
	MIN	67	67	63	62	66	74	67	57	54	59	52	59	64	69	59	51	56	56	55	52	54	63	68	66	67	70	75	72	66	58		62.3
QUINCY DAM 21	MAX	82	84	85	82	77	89	91	86	70	80	79	78	80	92	92	85	72	78	84	78	77	83	87	83	84	89	95	96	90	86		83.8
	MIN	61	63	62	61	57	64	71	58	55	56	51	52	58	62	66	52	52	52	55	50	50	54	60	65	65	66	67	67	62	57		59.0
RUSHVILLE	MAX	83	80	80	79	86	87	87	84	78	78	77	81	89	89	88	71	76	83	79	77	83	86	85	85	89	93	94	94	92	85		83.9
	MIN	62	63	60	57	63	71	73	55	51	55	52	54	62	61	61	48	52	54	63	46	52	62	70	65	67	69	72	73	58	52		60.1
CENTRAL 04																																	
CHENOA	MAX	82	76	83	85	86	87	87	78	78	69	76	82	86	89	86	74	71	80	79	76	81	85	82	83	88	90	91	88	85	85		82.3
	MIN	62	62	60	62	55	62	72	52	53	50	56	52	51			49	45	50	59	46	51	55	67	61	62	67	70	66	60	55		57.6
DECATUR	MAX	80	82	81	77	88	87	90	81	78	76	81	83	87	91	90	72	79	85	83	84	88	90	85	84	93	93	97	92	89	89		85.2
	MIN	62	64	66	57	61	68	72	56	53	51	42	47	54	65	64	51	42	46	55	40	48	50	66	63	60	62	67	68	63	52		57.2
FARMER CITY	MAX	83	79	76	71	86	87	90	75	79	72	77	80	82	90	80	69	73	81	82	77	83	86	80	82	87	91	91	88	82	91		81.7
	MIN	59	60	62	55	61	67	71	54	54	56	45	53	57	64	55	54	46	52	62	45	52	57	65	66	65	67	71	67	55	58		58.5
HAVANA 4 NNE	MAX	86	86	75	80	75	88	89	87	71	80	74	80	82	89	89	76	70	75	82	78	79	83	86	82	88	92	94	91	85			82.5
	MIN	65	64	61	59	56	67	71	58	56	55	46	50	57	62	66	50	50	52	57	46	52	55	67	65	66	70	70	62	56			59.0
LACON 2 E	MAX	83	78	80	80	87	86	86	80	80	77	79	81	80	87	88	70	74	81	78	77	81	85	82	83	90	92	92	90	88	79		82.5
	MIN	61	62	61	55	59	65	70	52	56	49	46	54	58	65	56	47	44	49	57	47	53	57	65	65	63	65	69	66	60	54		57.7
LINCOLN	MAX	83	80	79	79	86	86	87	85	80	79	78	81	85	88	88	70	74	81	82	77	82	85	85	82	87	91	92	91	87	81		83.0
	MIN	63	63	64	56	62	70	74	55	56	56	47	52	58	67	62	50	48	52	62	47	53	58	67	66	66	67	70	67	61	57		59.9
MASON CITY 1 NW	MAX	81	79	78	74	86	86	87	82	79	78	77	80	86	88	87	68	73	80	79	76	82	85	80	81	92	91	92	89	87	82		82.2
	MIN	61	62	63	56	63	72	74	55	47	55	46	53	59	67	60	49	49	53	65	46	54	58	67	66	64	66	71	67	58	54		59.3
MINONK	MAX																																
	MIN																																
NORMAL	MAX	82	81	76	76	85	87	87	83	79	79	77	81	83	87	86	68	72	79	79	77	80	85	84	82	87	91	93	93	86	80		82.2
	MIN	68	63	63	58	64	66	74	54	54	54	50	58	63	66	59	50	47	51	64	45	55	57	69	68	64	65	71	66	62	59		60.2
PEORIA WSO AP	MAX	83	75	79	74	86	85	85	69	80	72	75	80	83	85	74	70	72	78	76	75	79	84	75	81	86	91	93	88	81	79		79.8
	MIN	64	62	62	58	64	69	65	55	55	53	46	53	60	65	52	50	49	51	50	46	55	57	67	67	65	67	71	66	60	56		58.7
PRINCEVILLE	MAX	83	78	80	75	88	86	86	80	79	77	79	80	81	86	85	76	73	81	76	77	81	86	83	84	89	91	93	92	85	79		82.3
	MIN	60	63	60	55	61	63	71	52	51	53	44	48	50	63	60	46	44	48	59	45	53	56	65	64	62	65	69	65	59	52		56.9
EAST 05																																	
DANVILLE	MAX	83	77	77	75	85	89	90	79	79	76	74	79	79	89	88	69	74	81	84	77	82	86	83	84	88	91	92	92	88	80		82.3
	MIN	64	58	67	55	60	66	73	51	51	56	41	46	51	57	58	51	41	49	54	42	48	52	62	65	63	64	68	69	67	55		56.8
HOOPESTON 1 NE	MAX	82	74	74	73	82	87	86	76	76	74	73	78	79	87	85	68	72	79	81	76	81	85	82	84	88	90	90	86	84	80		80.4
	MIN	65	57	63	53	61	64	68	50	55	51	43	51	54	63	53	49	42	50	59	43	51	58	65	66	65	68	73	70	66	55		57.7
KANKAKEE WTR POLL CTR	MAX	86	84	76	72	73	84	83	89	73	75	65	75	79	76	88	62	67	72	81	79	81	83	87	78	83	90	87	94	92	92		80.2
	MIN	59	60	58	53	57	61	62	58	49	47	45	52	59	54	53	50	43	49	58	43	49	63	69	66	64	67	64	70	70	57		57.0
PIPER CITY 3 SE	MAX	82	76	75	74	86	89	87	77	78	75	76	82	83	90	88	70	74	82	80	78	83	88	85	82	88	92	92	90	84	81		82.2
	MIN	65	54	72	54	59	59	68	51	54	49	45	54	56	65	54	50	44	50	59	44	51	57	65	67	63	67	69	68	61	55		57.6
PONTIAC	MAX	82	79	84	79	85	87	86	70	78	77	77	82	81	88	87	70	72	80	80	77	81	85	84	80	87	93	93	91	88	79		82.1
	MIN	61	65	63	59	62	65	70	54	55	49	47	53	62	67	58	50	46	52	60	48	55	59	68	67	65	67	71	67	62	57		59.5
RANTOUL	MAX	85	87	71	75	74	86	88	90	67	79	68	75	80	82	90	68	68	72	80	83	76	82	86	73	83	87	91	92	86	83		80.2
	MIN	66	62	56	55	58	64	67	52	50	53	46	54	56	62	66	53	47	54	62	46	51	61	62	66	67	69	72	68	66	56		58.9
URBANA	MAX	81	75	75	72	87	87	89	79	79	70	76	81	82	89	79	69	74	81	84	77	82	87	73	83	87	89	91	77	84	79		80.6
	MIN	65	58	60	55	62	68	68	50	54	52	47	53	55	65	53	50	44	53	52	47	52	57	65	66	66	69	72	67	63	58		58.2
WATSEKA 2 NW	MAX	85	81	75	73	74	81	90	88	67	75	65	75	78	80	90	68	68	75	81	80	78	83	84	77	85	89	90	91	90	83		80.0
	MIN	64	44	63	54	50	63	65	50	47	48	44	50	55	61	60	50	42	42		36	43	51	59	67	64	65	68	67	61	54		54.7
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	86	85	87	84	77	90	92	90	71	78	81	78	80	89	92	88		82	84	85	77	84	88	80	83	88	92	95	96	89		85.2
	MIN	67	66	67	62	57	69	73	61	56	58	59	55	60	66	71	55	55	57	61	51	55	61	66	66	67	69	74	72	70	62		62.9
CARLINVILLE	MAX	83	86	83	82	90	91	92	89	81	81	78	81	88	94	91	72	79	85	89	78	85	89	86	81	89	93	94	94	92	87		86.1
	MIN	64	71	67	56	61	70	75	58	52	55	46	50	56	67	68	53	48	50	62	44	55	56	66	65	64	65	71	76	67	54		60.4
GRIGGSVILLE	MAX	82	81	81	75	86	89	86	80	77	78	76	79	88	90	84	70	75	81	81	79	81	85	81	81	87	91	94	92	86	84		82.7
	MIN	64	66	62	55	63	73	70	57	54	60	52	55	62	67	64	51	53	54	66	49	53	61	67	66	65	70	73	76	64	58		61.7
HILLSBORO	MAX	86	87	84	83	90	92	93	88	80	80	78	81	88	95	94	73	78	84	89	80	86	90	89	82	90	93	95	93	91	90		86.7
	MIN	70	72	72	60	63	72	75	60	55	61	50	52	60		73	55	53	57	64	48		58	68	67	68	68	69	76	68	60		63.4
JACKSONVILLE 2 E	MAX	87	81	81	80	76	86	89	87	69	78	78	76	79	87	90	85	70	77	83	83	77	83	86	80	82	87	92	94	92	87		82.7
	MIN	60	60	64	58	54	63	70	56	52	55	48	48	51	60	64	48	46	48	50	42	44	46	57	62	61	62	63	70	63	49		55.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
JERSEYVILLE 2 SW	MAX	84	83	85	83	75	87	90	89	70	78	80	77	80	88	96	87	74	78	84	89	75	83	87	81	84	89	92	94	96	90		84.3
	MIN	65	63	67	56	53	70	72	58	56	56	44	48	53	65	70	52	56	48	58	44	57	61	67	64	61	61	67	76	65	52		59.5
MORRISONVILLE	MAX	85	82	84	81	77	87	90	90	71	80	76	79	86	86	93	83	80	85	76	74	88	84	88	84	93	92	92	93	93	88		84.7
	MIN	63	68	66	56	54	69	72	55	51	53	54	46	54	63	63	46	42	46	55	50	48	53	66	63	60	62	69	70	68	52		57.9
PANA	MAX	81	83	79	74	85	87	89	83	78	77	73	78	84	90	87	68	74	80	86	74	80	85	81	80	86	89	91	88	87	81		81.9
	MIN	65	69	68	56	62	70	72	58	53	56	48	51	55	64	67	53	49	53	63	47	56	56	67	66	66	68	70	73	69	56		60.9
SPRINGFIELD WSO AP	MAX	83	79	80	75	88	90	88	71	80	78	77	82	88	92	87	73	78	83	87	79	84	89	79	85	91	95	97	93	90	86		84.2
	MIN	64	65	65	58	63	72	70	58	53	52	46	53	63	67	56	52	49	52	52	46	51	57	68	67	65	65	75	73	64	54		59.8
VIRDEN 1 N	MAX	85	84	83	76		89	89	85	78	78	77	82	88	92	91	71	79	87	87	79	85	90	88	82	90	94	96	96	85	87		85.3
	MIN	63	62	66	58	52	64	75	57	57	59	45	52	66	67	60	52	47	60	68	47	58	60	65	59	71	74	76	71	65	59		61.2
WHITE HALL 1 E	MAX	88	84	84	84	88	90	90	88	88	79	79	80	89	93	92	73	78	84	85	76	83	88	88	86	88	93	94	95	95	91		86.4
	MIN	64	69	65	56	62	72	75	59	54	59	50	50	56	66	70	53	52	53	60	49	54	56	68	65	67	67	71	72	69	56		61.3
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX													85	92	89	72	77	83	90	77	82	86	83	82	88	92	91	89	89	83		
	MIN													53	61	66	55	45	50	60	43	55	54	66	65	63	66	70	69	67	56		
CHARLESTON	MAX	84	82	79	78	86	87	89	85	78	78	78	80	83	91	90	71	76	82	87	76	82	85	79	79	87	90	90	89	88	86		83.2
	MIN	64	66	68	56	62	69	72	53	51	54	44	55	58	64	66	54	46	51	62	43	56	57	65	65	64	67	71	76	69	58		60.2
EFFINGHAM 3 W	MAX	83	82	84	80	72	86	88	90	69	77	77	74	78	83	91	87	69	74	80	87	73	80	85	77	80	87	90	91	90	88		81.7
	MIN	68	66	73	58	59	66	69	60	50	53	43	46	50	57	65	55	47	50	54	46	49	52	56	66	63	65	68	72	68	55		58.3
FLORA 5 NW	MAX	86	87	84	80	88	90	92	88	81	79	76	81	87	93	93	88	78	84	90	75	82	89	85	82	89	92	92	94	91	87		86.1
	MIN	68	71	74	54	60	68	71	58	46	45	41	43	48	66	66	56	48	52	61	44	56	52	67	65	64	66	69	75	68	55		59.2
MATTOON	MAX	83	83	77	71	88	88	91	71	79	84	76	81	85	92	90	71	78	84	88	79	85	88	77	83	89	92	93	89	89	83		83.6
	MIN	64	66	62	56	62	69	69	54	54	53	46	50	56	64	54	53	47	53	53	46	58	58	66	59	63	68	70	70	65	59		58.9
MOWEAQUA	MAX	81	84	78	73	87	87	91	83	82	78	76	79	85	90	89	70	76	82	87	77	81	85	85	80	88	91	94	90	89	81		83.3
	MIN	63	65	67	57	63	71	72	58	60	54	46	51	55	63	60	54	48	52	61	44	56	57	68	66	64	64	68	70	68	55		60.0
NEWTON 6 SSE	MAX	87	82	85	83	76	86	90	93	70	78	78	74	82	85	93	93	70	77	82	88	75	83	88	79	82	88	91	90	92	88		83.6
	MIN	70	67	73	58	62	66	73	61	51	54	44	47	52	55	68	56	49	52	60	46	52	53	62	65	63	67	70	74	66	57		59.8
OLNEY 2 S	MAX	88	90	86	79	88	91	94	88	79	81	75	80	86	94	93	89	76	84	90	76	81	88	84	82	90	92	92	92	88	86		86.1
	MIN	70	71	75	58	62	70	74	65	49	54	44	47	52	62	72	57	50	52	59	48	56	52	68	66	63	65	69	72	69	57		60.9
PALESTINE	MAX	84	87	82	74	83	90	93	75	80	77	72	78	85	93	91	75	76	81	86	75	83	88	80	80	86	91	91	91	89	81		83.2
	MIN	68	72	67	58	63	72	74	56	52	56	45	50	55	64	71	58	50	54	58	47	56	53	70	66	66	68	71	69	68	58		61.2
PARIS WATERWORKS	MAX	82	83	78	74	87	88	92	81	78	75	73	77	81	91	87	69	75	82	85	77	81	86	85	84	88	91	91	90	88	81		82.7
	MIN	62	63	66	54	61	68	72	51	52	54	42	48	53	60	62	52	48	51	61	43	56	57	65	64	64	66	69	74	67	54		58.6
SALEM	MAX	88	86	85	83	91	92	92	89	80	82	77	84	89	96	93	88	81	86	91	78	85	91	88	83	89	93	95	95	91	88		87.6
	MIN	69	73	74	58	64	69	73	63	48	55	47	47	53	62	72	56	52	55	63	47	59	55	66	65	65	67	69	76	67	57		61.5
TUSCOLA	MAX	84	83	77	76	88	88	92	87	80	80	76	80	81	92	91	69	76	83	87	78	84	88	79	83	88	92	92	91	89	82		83.9
	MIN	62	61	68	58	64	65	70	54	59	55	44	51	54	62	59	53	44	53	60	44	55	55	67	65	65	67	69	72	69	57		59.4
WINDSOR	MAX	83	84	80	77	86	85	90	85	78	77	76	80	85	91	85	73	77	82	86	78	83	86	80	85	85	91	93	88	85	84		83.3
	MIN	65	68	69	57	57	71	72	68	56	54	48	52	55	64	66	54	44	51	61	43	58	58	67	65	63	68	73	73	67	58		60.8
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	85	85	92	91	91	92	92	84	82	86	80	81	91	94	94	89	79	85	90	77	82	90	86	84	89	93	91	96	92	91		87.8
	MIN	71	72	75	65	66	71	72	64	52	56	52	50	52	58	71	58	53	60	60	49	60	57	67	65	65	68	62	74	66	71		62.7
BELLEVILLE SO ILL UNIV	MAX	86	88	85	85	90	92	91	88	80	84	80	81	88	94	92	89	81	84	91	82	82	87	93	83	89	93	90	94	91	89		87.4
	MIN	67	70	72	55	59	69	71	62	68	56	45	44	49	59	65	55	49	51	51	44	57	51	66	65	63	64	65	72	66	55		59.5
CAHOKIA	MAX																																
	MIN																																
CAIRO WSO CI	MAX	88	91	94	82	92	94	96	85	81	87	77	82	92	96	95	83	79	85	94	80	84	88	85	81	88	91	93	96	91	86		87.9
	MIN	74	77	77	72	73	75	74	62	57	60	60	57	63	70	72	64	60	67	64	55	66	63	70	68	69	73	75	77	70	68		67.7
CARBONDALE SEWAGE PL	MAX	85	87	86	91	78	90	92	93	75	80	85	77	80	89	93	91	77	80	85	92	76	84	90	90	84	91	92	92	96	91		86.4
	MIN	69	72	72	65	65	71	71	65	47	56	52	45	49	59	67	59	51	56	60	48	55	53	62	67	64	67	68	74	64	59		61.1
CARLYLE RESERVOIR	MAX	87	85	87	85	79	90	93	93	72	80	82	82	81	88	95	90	74	79	83	90	78	83	90	80	82	87	92	94	96	92		85.6
	MIN	67	70	74	65	57	71	74	61	52	56	53	52	58	65	70	56	57	58	63	53	56	67	67	66	69	71	75	75	70	61		63.6
DU QUOIN 4 SE	MAX	89	85	89	87	91	93	93	88	79	83	75	80	88	94	91	82	80	86	92	76	83	91	84	83	89	92	94	97	90	85		87.0
	MIN	70	73	67	67	64	70	68	61	49	56	50	47	52	64	70	55	52	57	53	49	61	53	67	67	65	67	70	67	68	59		61.3
KASKASKIA R NAV LOCK	MAX	88	88	85	89	75	83	88	91	74	80	81	80	81	90	97	85	74	80	86	87	77	84	91	85	84	90	93	96	99	94		85.8
	MIN	72	73	74	69	60	65	71	65	52	54	54	54	53	58	68	58	50	53	58	51	52	56	56	65	65	66	68	74	65	61		61.3
MARION 4 NNE	MAX	86	86	86	89	79	90	91	92	73	80	84	76	81	89	93	93	74	79	81	91	77	84	91	85	84	90	92	95	97	90		85.9
	MIN	68	70	72	62	62	67	71	65	49	52	54	46	48	60	66	59	51	52	57	50	56	54	55	68	64	68	67	68	66	68		60.5
NASHVILLE 4 NE	MAX	86	87	87	81	91	93	93	83	79	82	78	80	89	96	94	87	80	87	90	78	83	91	86	81	87	92	95	97	91	89		87.1
	MIN	70	71	72	56	64	70	70	62	51	59	51	54	59	65	70	57	53	57	62	48	59	60	67	66	67	71	70	77	70	60		62.9
SPARTA	MAX	89	86	89	85	92	93	92	89	81	85	82	83	92	97	92	89	83	88	95	80	85	93	85	85	91	95	95	98	92	92		89.1
	MIN	70	73	72	57	64	70	73	62	50	58	50	51	56	66	70	57	52	58	66	47	61	58	67	64	66	68	72	76	70	60		62.8
WATERLOO	MAX	87	86	87	89	75	90	93	91	75	80	85	78	82	90	95	90	77	82	87	91	76	85	91	83	84	89	94	95	98	92		86.6
	MIN	70	72	72	63	56	70	73	61	51	60	50	54	57	63	68	56	52	57	64	49	59	61	72	65	67	68	73	77	69	60		63.0
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	94	88	89	87	90	90	95	92	81	84	81	80	89	95	94	94	79	85	91	77	84	97	92	83	89	92	95	95	93	90		88.8
	MIN	68	72	74	59	63	71	78	62	51	59	50	52	56	68	77	50	53	59	63	48	66	64	67	65	67	69	72	78	75	61		63.9
BROOKPORT DAM 52	MAX	86	88	91	89	92	93	93	88	80	85	83	81	90	93	93	90	80	87	92	82	84	91	92	86	90	92	94	95	91	87		88.6
	MIN	70	72	74	65	68	75	74	64	48	60	52	46	52	59	70	61	53		59	49	60	55	72	66	64	68	66	71	67	58		62.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
JUNE 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
DIXON SPRINGS AGR C	MAX	86	86	88	88	91	93	93	84	77	83	83	80	87	93	93	91	78	84	90	90	83	89	88	86	89	91	92	93	93	88		87.7
	MIN	73	74	73	65	67	72	79	65	46	55	50	49	51	57	72	59	53	57	59	48	59	54	65	65	64	66	66	74	67	58		62.1
FAIRFIELD RADIO WFIW	MAX	85	85	85	84	90	90	92	94	79	81	78	80	87	94	92	91	79	85	91	78	85	89	88	83	87	91	91	94	90	89		86.9
	MIN	68	72	75	58	63	70	70	58	47	58	46	45	50	59	70	58	50	53	58	48	55	51	67	66	63	67	67	71	69	57		60.3
HARRISBURG	MAX	88	90	91	88	94	96	96	88	82	85	81	84	90	96	96	89	81	87	92	80	85	93	88	85	91	93	96	97	93	89		89.5
	MIN	70	74	75	60	66	74	74	66	50	57	49	47	52	63	71	60	51	57	59	48	58	53	68	67	65	67	69	76	69	59		62.5
MC LEANSBORO 2 ENE	MAX	86	86	86	88	78	91	92	94	72	79	83	76	79	87	93	92	75	79	85	90	77	83	90	84	82	88	89	92	93	89		85.3
	MIN	70	72	73	60	62	65	72	64	50	58	49	48	53	62	67	57	51	54	54	47	48	54	60	66	64	66	68	71	69	57		60.4
MT CARMEL	MAX	89	86	87	91	79	87	91	92	71	81	85	75	80	87	93	95	73	78	83	90	78	84	89	80	80	87	90	92	93	90		85.2
	MIN	68	73	73	60	60	65	73	66	50	52	49	50	53	57	63	59	52	53	60	48	48	54	58	66	62	66	69	71	64	59		60.0
MT VERNON 3 NE	MAX	87	89	85	85	86	90	92	92	82	80	82	75	80	86	92	94	75	79	84	91	78	89	90	83	84	89	92	94	97	90		86.4
	MIN	69	67	74	64	59	68	68	62	47	54	45	44	50	58	69	54	51	53	58	43	54	55	62	65	64	68	67	76	70	55		59.8
RENO LAKE DAM	MAX	86	87	89	88	79	91	92	93	72	79	82	74	81	88	94	92	74	78	83	92	75	83	91	84	82	86	91	93	97	90		85.5
	MIN	70	73	74	63	59	67	67	64	51	55	52	52	54	56	67	58	56	58	62	52	53	58	62	66	67	69	70	70	70	61		61.9
ROSICLARE	MAX	85	85	88	86	89	90	90	89	77	82	79	78	85	87	90	89	75	82	87	85	81	87	83	82	87	89	90	92	90	84		85.4
	MIN	69	73	74	64	65	71	72	66	50	57	49	46	52	58	68	65	54	58	58	48	59	55	69	67	64	66	67	72	59	58		61.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
JUNE 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	81	81	74	70	75	77	78	79	78	79	74	74	75	75	77	78	70	73	75	75	73	76	79	73	77	81	83	84	83	83		77.0
		MIN	70	70	67	66	65	71	70	68	65	66	66	65	65	65	66	66	65	63	62	65	64	67	70	70	67	70	73	75	74	74		67.7
	8	MAX	74	74	70	69	72	73	74	75	75	75	71	71	72	72	73	73	70	71	72	72	71	73	74	72	78	76	78	79	79	79		73.6
		MIN	72	70	69	69	69	72	71	70	69	70	69	68	68	69	69	69	68	68	67	69	67	68	70	72	72	72	75	76	76	75		70.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.24	-	-	.16	-	.30	.24	-	-	.17	.42	.07	.14	.19	-	.14	.20	.28	.11	.16	.31	.22	.32	.16	.12	.21	.27	.35	.24	-		6.558
	WIND	19	12	32	9	31	30	15	42	28	16	15	7	14	27	26	37	17	12	17	39	20	19	20	23	13	11	16	30	18	44		659
	MAX	94	88	81	95	83	95	92	86	85	84	85	-	91	81	69	71	76	74	82	80	78	92	93	84	89	98	100	100	97	98		86.9
	MIN	64	66	65	62	72	64	70	59	56	57	56	-	61	63	59	51	53	55	60	54	46	60	64	69	64	71	74	61	67	62		61.6
EAST 05																																	
URBANA	EVAP	.19	.27	.22	.18	.25	.23	.18	.11	.17	.29	.21	.20	.24	.13	-	-	.19	.18	.23	.21	.22	.17	.32	.01	.11	.18	.22	.25	.09	.24		5.888
	WIND	62	62	60	31	25	47	52	52	96	77	26	24	25	36	30	30	34	7	10	51	9	11	35	10	8	8	28	44	23	55		1068
	MAX	88	94	78	82	83	92	92	89	78	81	82	86	87	74	91	80	76	84	90	80	88	93	93	73	87	99	98	99	90	92		86.6
	MIN	60	59	61	57	55	61	65	65	49	51	46	46	50	55	59	49	51	48	56	46	46	53	56	63	65	67	69	68	64	58		56.6
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	-	.16	.03	.41	.10	.11	.14	.25	.38	.38	.24	.28	.19	.46	.23	.09	.27	.17	.41	.28	.30	.57	.09	.18	.31	.44	.22	■	.35	.28		7.578
	WIND	-	70	54	73	87	60	109	125	112	113	32	56	85	91	72	99	27	26	105	58	36	123	45	33	33	86	123	■	87	51		21428
	MAX	89	80	90	91	90	89	88	88	81	81	87	87	87	95	88	82	86	89	88	84	90	82	95	95	98	97	94	-	90	94		88.8
	MIN	65	69	67	58	63	71	64	62	57	57	52	57	58	62	68	52	50	59	65	51	59	67	68	68	71	73	71	-	68	57		62.4
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.23	.28	.23	.23	.30	.27	.28	.37	.37	.31	.31	.43	.29	.29	.42	.34	.27	.29	.36	.37	.30	.34	.29	.14	.24	.24	.30	.37	.36	.42		9.24
	WIND	63	1	212	70	55	78	79	118	98	47	87	49	44	69	86	130	107	54	41	136	67	29	44	33	29	21	37	100	63	50		2097
	MAX	95	78	87	86	78	90	92	92	82	83	83	81	85	85	93	86	80	86	88	88	81	88	90	81	85	95	101	97	95	94		87.5
	MIN	66	68	70	71	58	64	69	61	53	55	53	53	59	58	63	56	54	55	61	50	52	60	63	67	68	70	74	71	70	61		61.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 35	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	691				C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WIL8UR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REIO
GREENUP	3683	07	CUM8ERLAND		39 15	88 10	540		7A			OAVID L OWEN
GREENVILLE 1 E	3693	06	8OND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARO E STAFFY
HARRIS8URG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYOE PITTMAN
HARRIS8URG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLS8ORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-RO8ERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORO		39 08	87 40	455		6A		C	CENTRAL ILL PU8 SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET 8RANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHS8URG	4655	01	MERCER		41 06	90 57	550		7A			8EN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O 8 PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	8OYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE O NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOM8	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIOETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDREO K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYO J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MIO			DON E TUCKER
MC HENRY LOCK AND OAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANS8ORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G 8ROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			RO8ERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLANO		41 27	90 30	582	MIO	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			8ERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALO L 8ROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A 8ULLARD
MT CARMEL	5888	09	WA8ASH		38 24	87 45	420	7A	6A		C	MT CARMEL PU8LIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MAR8URGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			OONALD O NEAVILLE
MOUNT STERLING	5935	03	8ROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	RO8ERT G MOORHOUS
MOWEAQUA	5950	07	SHEL8Y		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYS8ORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW 8OSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	OEL8ERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	RO8ERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

ILLINOIS
JUNE 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE'	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 SW	8781	07	FAYETTE		38 55	89 08	520	7A	7A		C	INACTIVE 02/29/80
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

NOTE

LATE REPORTS AND CORRECTIONS HAVE USUALLY BEEN PUBLISHED IN THE JUNE AND DECEMBER ISSUES OF THIS BULLETIN. IN THE FUTURE, DELAYED AND CORRECTED OBSERVATIONS WILL BE PUBLISHED ANNUALLY AS A SUPPLEMENTAL BULLETIN.

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

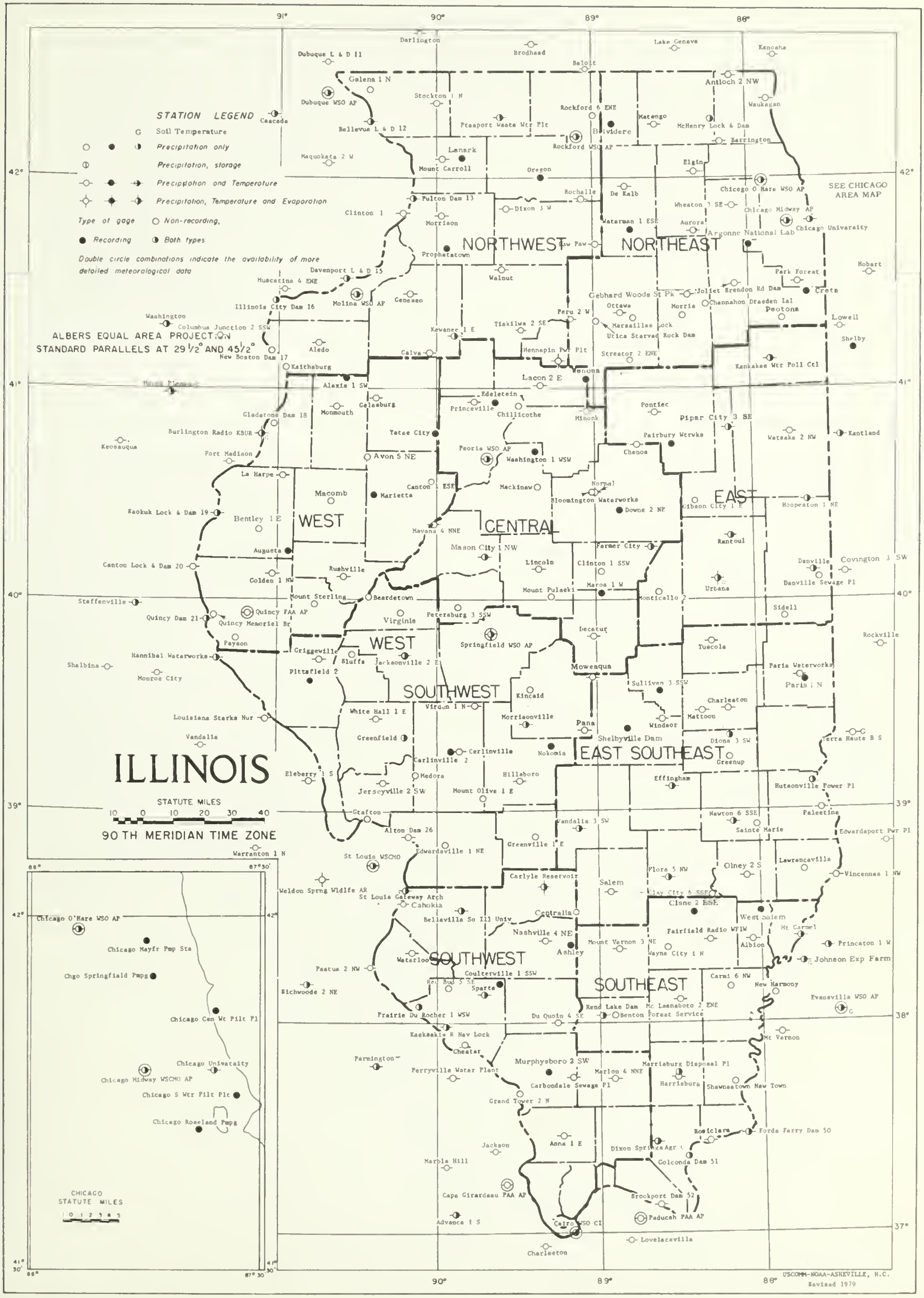
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Marengo
Freeport Waste Wtr Plt
Belvidere
McHenry Lock & Dam
Bellevue L & D 12
Rockford WSO AP
Barrington
Lanark
Maquoketa 2 W
Elgin
Mount Carroll
Oregon
Chicago O Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Wheaton 3 SE
Clinton 1
Dixon 3 W
Chicago Midway AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Prophetstown
Paw Paw
Hobart
Davenport L & D 15
Walnut
Park Forest
Muscatine 4 ENE
Joliet Brandon Rd Dam
Crete
Gebhard Woods St Pk
Channahon Dresden Isl
Molina WSO AP
Geneseo
Illinois City Dam 16
Ottawa
Morris
Peotone
Peru 2 W
Washington
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Tiskilwa 2 SE
Utica Starved Rock Dam
Kewanee 1 E
Shelby
Aledo
Hennepin Pwr Plt
Streator 2 ENE
New Boston Dam 17
Galva
Kankakee Wtr Poll Ctl
Keithsburg
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Wenona
Edelstein
Galesburg
Pontiac
Monmouth
Princeville
Chillicothe
Minonk
Gladstone Dam 18
Piper City 3 SE
Kentland
Burlington Radio KBUR
Yates City
Keosauqua
Fairbury Wtrwks
Watseka 2 NW
Fort Madison
Peoria WSO AP
Chenoa
Avon 5 NE
Washington 1 WSW
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Hoopeston 1 NE
Gibson City 1 E
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Mason City 1 NW
Augusta
Farmer City
Canton Lock & Dam 20
Danville
Covington 3 SW
Lincoln
Clinton 1 SSW
Rushville
Golden 1 NW
Danville Sewage Pl
Urbana
Maroa 1 W
Mount Pulaski
Mount Sterling
Beardstown
Monticello 2
Staffenville
Sidell
Quincy FAA AP
Virginia
Petersburg 3 SSW
Quincy Dam 21
Quincy Memorial Br
Decatur
Rockville
Springfield WSO AP
Payson
Tuscola
Griggsville
Hannibal Waterworks
Bluffs
Jacksonville 2 E
Moweaqua
Shelbina
Paris Waterworks
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Mattoon
Louisiana Starks Nur
Morrisonville
Windsor
Pana
Terre Haute B S
Greenfield
Shelbyville Dam
Vandalia
Diona 3 SW
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Hillsboro
Medora
Effingham
Hutsonville Power Pl
Jerseyville 2 SW
Mount Olive 1 E
Grafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Warrenton 1 N
Greenville 1 E
Edwardsville 1 NE
Olney 2 S
Lawrenceville
St Louis WSCMO
Flora 5 NW
Vincennes 1 NW
Salem
Carlyle Reservoir
Weldon Sprng Wldlfe AR
Clay City 6 SSE
St Louis Gateway Arch
Cahokia
Clane 2 ESE
Belleville So Ill Univ
West Salem
Centralia
Mt Carmel
Fairfield Radio WFIW
Nashville 4 NE
Princeton 1 W
Mount Vernon 3 NE
Ashley
Albion
Waterloo
Wayne City 1 N
Johnson Exp Farm
Pacific 2 NW
Coulterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
Sparta
New Harmony
Richwoods 2 NE
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Harrisburg
Shawneetown New Town
Carbondale Sewage Pl
Grand Tower 2 N
Rosiclare
Ford Ferry Dam 50
Jackson
Anna 1 E
Dixon Springs Agr
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Paducah FAA AP
Advance 1 S
Cairo WSO CI
Lovelaceville
Charleston
88°
87°30'
42°
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
0 1 2 3 4 5
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS
BULK RATE

214/12:85/7

JULY 1980 VOLUME 85 NUMBER 7

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS	108	DATE	31+
LOWEST TEMPERATURE:	PAW PAW	47	DATE	01
GREATEST TOTAL PRECIPITATION:	GLADSTONE DAM 18	6.66		
LEAST TOTAL PRECIPITATION:	FAIRBURY WATERWORKS	.45		
GREATEST 1 DAY PRECIPITATION:	ALTON DAM 26	3.27	DATE	22

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION								
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	49	NW	02	-	-	-	-	0	2	1	1	1	0	5	85	-
CHICAGO O HARE WSO AP	14	1.1	8.4	55++	36	16	79	80	59	57	6	3	6	0	1	0	16	67	5.8
MOLINE WSO AP	19	1.9	8.4	52	W	05	78	79	58	60	5	3	3	3	0	0	14	74	5.1
PEORIA WSO AP	19	1.6	7.8	50	NW	05	86	87	62	63	4	4	2	1	0	0	11	68	5.1
ROCKFORD WSO AP	20	1.4	9.2	37++	36	16	80	81	57	58	6	3	3	3	1	0	16	-	5.4
SPRINGFIELD WSO AP	21	3.3	8.7	28++	32	05	84	87	62	63	3	2	5	1	0	0	11	80	4.7

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
JULY 1980

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEDO	89.7	66.4	78.1	3.2	98	14	58	28	0	412	18	0	0	0	5.92	1.83	1.42	26	.0	0		7	4	3
DIXON 2 W	85.8	62.5	74.2	.0	96	8	54	28+	1	294	8	0	0	0	4.01	.09	1.36	21	.0	0		5	3	2
FREEPORT WASTE WTR PLT	86.6	63.2	74.9		97	8	54	3	0	313	11	0	0	0	2.51		.80	9	.0	0		6	2	0
FULTON DAM 13	86.0	66.1	76.1	1.6	95	8	59	6+	0	351	10	0	0	0	2.73	- 1.24	.83	10	.0	0		8	2	0
GALVA	87.7	64.5	76.1	1.7	97	21+	56	1	0	350	13	0	0	0	2.86	- 1.14	.90	5	.0	0		9	1	0
GENESEO	88.2	67.3	77.8		99	7	58	3	0	407	15	0	0	0	4.98	.82	1.07	5	.0	0		7	5	2
HENNEPIN POWER PLANT	88.7	64.8	76.8		99	21	55	24	0	371	16	0	0	0	1.73		.45	21	.0	0		6	0	0
KEWANEE 1 E	85.6	63.5	74.6	- .2	95	21+	53	1	0	301	7	0	0	0	4.48	.25	1.75	5	.0	0		6	3	2
MOLINE WSO AP R	88.3	66.9	77.6	3.1	97	15+	58	3	0	395	14	0	0	0	3.46	- 1.12	.88	26	.0	0		6	3	0
MORRISON	86.1	64.0	75.1	.9	95	8	56	24+	0	316	8	0	0	0	3.56	- .26	.83	9	.0	0		9	3	0
MOUNT CARROLL	85.6	60.8	73.2	.4	95	8	51	3	0	264	8	0	0	0	3.92	- .10	1.77	10	.0	0		6	2	1
PAW PAW	84.6	61.1	72.9		95	8	47	1	3	252	6	0	0	0	5.53	1.38	1.75	10	.0	0		10	4	2
ROCHELLE	86.4M	62.1	74.3M		98	8	53	28	3	300		0	0	0	3.81		1.70	21	.0	0		6	4	1
ROCKFORD WSO AP //R	86.4	64.3	75.4	2.6	99	7	54	6+	0	329	9	0	0	0	3.58	- .69	1.15	26	.0	0		7	4	1
STOCKTON 1 N	83.8M	63.2	73.5M		93	21+	51	28	2	267	3	0	0	0	2.38		.69	9	.0	0		5	2	0
TISKILWA 2 SE	89.0	64.9M	77.0M		96	20	55	24+	0	381	15	0	0	0	2.11	- 1.69	.49	5	.0	0		6	0	0
WALNUT	88.2	65.4	76.8	1.7	96	20	56	3	0	376	15	0	0	0	5.24	1.64	1.62	21	.0	0		9	4	2
DIVISION			75.6	1.6											3.69	- .44			.0					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	82.8	60.4	71.6	- .6	96	8	49	3	8	217	5	0	0	0	5.98	2.19	2.15	27	.0	0		7	5	2
AURORA	86.5	63.9M	75.2M	2.3	99	7	54	3	0	330	11	0	0	0	3.81	.03	1.26	21	.0	0		7	3	1
BARRINGTON	84.1	63.3	73.7		98	8	49	3	4	281	7	0	0	0	5.42		1.74	21	.0	0		8	3	3
CHICAGO O'HARE WSO AP R	86.9	64.5	75.7	3.8	102	7	50	3	0	338	13	0	0	0	3.56	.10	1.39	20	.0	0		7	1	1
CHICAGO UNIVERSITY //	86.3	67.1	76.7	3.0	100	21	58	3	0	373	13	0	0	0	2.46	- 1.11	.87	21	.0	0		6	2	0
CHICAGO MIDWAY AP //R	86.6M	66.1M	76.4M	1.7	99	21+	59	6	0	353	11	0	0	0	4.36	.27	2.94	21	.0	0		6	2	1
DE KALB	87.8	64.6	76.2	3.1	96	7	52	3	0	356	11	0	0	0	5.43	.92	2.10	21	.0	0		5	4	3
ELGIN	83.9	62.2	73.1		96	8	52	3	2	260	5	0	0	0	4.04	.19	1.27	21	.0	0		6	4	2
GEBHARD WOODS ST PARK	89.7M	64.8M	77.3M		100	21	54	24	0	389	17	0	0	0	1.69		.94	10	.0	0		4	1	0
JOLIET BRANDON RD DAM	87.3	62.0	74.7	.5	98	21+	55	1	0	305	12	0	0	0	3.82	- .10	1.49	10	.0	0		7	2	2
MARENGO	85.0	62.4	73.7	1.0	98	13	48	3	5	282	7	0	0	0	4.54	.73	1.41	21	.0	0		5	5	2
OTTAWA	90.8	67.6	79.2	3.7	100	20	57	24	0	451	19	0	0	0			.74	9	.0	0		4	1	0
PARK FOREST	87.0	64.8	75.9		99	21+	56	24	0	345	11	0	0	0	1.74	- 2.25	.75	9	.0	0		3	2	0
PERU 2 W	91.3	64.9	78.1	2.7	99	20	56	24+	0	412	21	0	0	0	1.92	- 2.11	.86	21	.0	0		4	1	0
WAUKEGAN	82.3	59.9	71.1	- .8	98	8	49	4+	11	209	6	0	0	0	5.28	1.95	1.93	21	.0	0		7	4	1
WHEATON 3 SE	88.8M	64.4M	76.6M		99	20+	50	3	0	364	16	0	0	0	3.62	- .22	1.11	4	.0	0		7	2	1
DIVISION			75.3	1.6											3.84	.00			.0					
* * *																								
WEST 03																								
GALESBURG	89.1	66.6	77.9		99	20+	57	28	0	405	19	0	0	0	1.88	- 2.10	.52	21	.0	0		7	1	0
GOLDEN 1 NW	91.9	68.4	80.2		101	20+	56	28	0	477	22	0	0	0	2.90	- 1.85	1.02	4	.0	0		5	3	1
LA HARPE	92.3	67.3	79.8	4.2	100	20+	56	28	0	467	23	0	0	0	2.06	- 1.72	.54	18	.0	0		5	1	0
MONMOUTH	90.5	66.7	78.6	3.8	98	15+	57	28	0	428	20	0	0	0	2.64	- 1.43	.61	18	.0	0		7	1	0
QUINCY FAA AP	94.5	72.4	83.5		105	20+	60	28	0	580	25	0	0	0	2.40	- 2.02	.60	26	.0	0		6	3	0
QUINCY DAM 21 //	92.4	67.3	79.9		104	31	58	1	0	469	21	0	0	0	2.85	- 1.38	.88	27	.0	0		8	2	0
RUSHVILLE	92.3	68.7	80.5	4.2	102	15	58	23	0	488	23	0	0	0	2.30	- 1.72	.66	10	.0	0		7	1	0
DIVISION			80.1	4.1											2.43	- 1.66			.0					
* * *																								
CENTRAL 04																								
CHENOA	90.1	65.4	77.8		99	20	52	24	0	403	19	0	0	0	.80		.45	5	.0	0		2	0	0
DECATUR	94.4	66.7	80.6	4.1	104	19	53	24	0	488	26	0	0	0	.46	- 2.76	.16	4	.0	0		1	0	0
FARMER CITY	90.5	67.1	78.8		100	20+	55	24	0	437	19	0	0	0	.59		.39	5	.0	0		2	0	0
HAVANA 4 NNE	92.3	66.8	79.6		103	20+	56	25	0	457	20	0	0	0	1.74	- 2.06	.50	5	.0	0		5	1	0
LACON 2 E	90.9	66.6	78.8		99	20+	55	24	0	434	23	0	0	0	1.70		.69	5	.0	0		5	1	0
LINCOLN	91.5	68.8	80.2	4.0	99	20+	58	24	0	476	21	0	0	0	1.86	- 1.70	1.19	22	.0	0		3	1	1
MASON CITY 1 NW	91.4	68.0	79.7		99	19+	59	24+	0	465	22	0	0	0	1.42		.89	21	.0	0		5	1	0
MINONK																								
NORMAL	91.2	68.8	80.0	4.3	100	20+	58	28+	0	475	19	0	0	0	.80	- 2.87	.46	5	.0	0		3	0	0
PEORIA WSO AP //R	89.5	67.5	78.5	3.4	99	14	59	28	0	425	19	0	0	0	1.43	- 2.33	.51	21	.0	0		3	1	0
PRINCEVILLE	91.2	64.4	77.8		100	20	54	23	0	403	21	0	0	0	1.21	- 2.48	.41	18	.0	0		5	0	0
DIVISION			79.2	3.7											1.20	- 2.47			.0					
* * *																								
EAST 05																								
DANVILLE	91.8	67.3	79.6	4.5	102	15	54	24	0	458	19	0	0	0	1.81	- 2.38	.88	21	.0	0		4	2	0
HOOPESTON 1 NE	89.9	66.8	78.4	3.6	100	20+	54	24	0	421	16	0	0	0	1.30	- 2.63	.41	27	.0	0		6	0	0
KANKAKEE WTR POLL CTR	89.2M	63.9	76.6M		101	21	56	24	0	368	14	0	0	0	2.14		1.02	28	.0	0		4	2	1
PIPER CITY 3 SE	91.6	65.5	78.6	4.3	102	19+	52	24	0	427	20	0	0	0	1.32	- 2.35	.45	22	.0	0		4	0	0
PONTIAC	90.9	67.4	79.2	4.2	99	21+	57	24+	0	447	21	0	0	0	2.77	- 1.46	1.78	5	.0	0		4	1	1
RANTOUL	89.5	66.2	77.9		101	21	59	23+	0	405	16	0	0	0	1.16	- 2.50	.52	5	.0	0		3	1	0
URBANA	90.2	67.0	78.6	3.3	100	19	58	24	0	431	17	0	0	0	1.36	- 2.53	.67	27	.0	0		3	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	89.2	63.8	76.5		100	20	50	24	0	365	16	0	0	0	1.12	- 3.49	.56	5	.0	0		2	1	0
DIVISION			78.2	3.4											1.62	- 2.39			.0					
* * * WEST SOUTHWEST 06																								
ALTON DAM 26	93.6	72.0	82.8		106	2	61	28	0	560	21	0	0	0	6.09		3.27	22	.0	0		3	3	2
CARLINVILLE	93.7	68.8	81.3	4.5	103	19	56	24	0	510	24	0	0	0	3.57	- .22	1.76	4	.0	0		5	3	1
GRIGGSVILLE	92.3	70.8	81.6	4.6	103	19	60	28	0	520	22	0	0	0	1.76	- 2.48	.68	4	.0	0		5	1	0
HILLSBORO	94.1	70.2	82.2	5.5	104	15	60	25+	0	540	23	0	0	0	4.10	.27	1.30	22	.0	0		5	3	2
JACKSONVILLE 2 E	89.4	64.4	76.9	.7	100	16+	52	1	0	376	17	0	0	0	5.24	1.32	2.48	4	.0	0		8	3	1
JERSEYVILLE 2 SW	91.8	67.6	79.7		104	2	55	24	0	464	20	0	0	0	2.87		1.10	3	.0	0		4	2	2
MORRISONVILLE	90.4	66.2	78.3		100	20	55	24	0	420	18	0	0	0	2.68		.98	4	.0	0		6	2	0
PANA	89.4	69.2	79.3	2.7	99	15	58	24	0	450	17	0	0	0	5.19	1.50	2.60	22	.0	0		5	4	1
SPRINGFIELD WSO AP R	91.7	71.1	81.4	5.3	101	20+	61	23	0	515	22	0	0	0	2.08	- 1.73	.84	10	.0	0		6	1	0
VIRDEN 1 N	92.1	69.2M	80.7M		102	19	57	23	0	492	23	0	0	0	2.78	- .98	.90	3	.0	0		6	3	0
WHITE HALL 1 E	94.6	69.4	82.0	5.3	104	19+	57	28	0	537	25	0	0	0	1.76	- 2.05	.55	3	.0	0		5	1	0
DIVISION			80.6	3.8											3.47	- .30			.0					
* * * EAST SOUTHEAST 07																								
CASEY	90.7	67.2	79.0		101	15	55	24	0	441	18	0	0	0	5.41		2.56	21	.0	0		5	3	3
CHARLESTON	91.2	69.2	80.2	3.8	101	15	59	23	0	480	17	0	0	0	3.07	- .57	.93	27	.0	0		5	3	0
EFFINGHAM 3 W	89.0	66.6	77.8	1.3	98	20+	55	24	0	405	18	0	0	0	6.16	2.44	2.54	4	.0	0		6	3	3
FLORA 5 NW	93.9	68.8	81.4	4.2	104	31+	54	24	0	515	24	0	0	0	1.98	- 1.48	.55	3	.0	0		6	1	0
MATTOON	90.7	67.5	79.1		101	15	58	24+	0	444	19	0	0	0	2.76		.95	3	.0	0		5	3	0
MOWEAQUA	90.0	68.7	79.4		98	20+	59	25+	0	454	19	0	0	0	4.37		1.80	4	.0	0		6	3	2
NEWTON 6 SSE	90.4	67.2	78.8		102	16	57	24	0	438	21	0	0	0	3.24	- .45	1.46	22	.0	0		4	2	2
OLNEY 2 S	92.0	69.0	80.5	3.2	99	31+	56	24	0	491	24	0	0	0	2.22	- 1.36	.75	21	.0	0		5	1	0
PALESTINE	90.9	70.4	80.7	3.3	101	15	59	24	0	492	20	0	0	0	4.33	.51	1.54	21	.0	0		5	4	2
PARIS WATERWORKS	90.9	67.5	79.2	3.0	104	15	58	24	0	446	19	0	0	0	3.12	- .71	1.81	27	.0	0		3	2	2
SALEM	94.8	69.1	82.0		104	15	58	24	0	532	25	0	0	0	2.33		.83	3	.0	0		6	2	0
TUSCOLA	92.4	67.2	79.8		101	20+	57	28	0	466	20	0	0	0	3.68	.21	2.40	21	.0	0		4	2	1
VANDALIA 3 ENE	93.7M	67.8M	80.8M		104	20	58	24	0	496		0	0	0					.0	0				
WINDSOR	92.0	68.5	80.3	4.2	102	15	57	24	0	479	23	0	0	0	2.88	- .63	.93	3	.0	0		5	3	0
DIVISION			79.9	3.3											3.50	- .19			.0					
* * * SOUTHWEST 08																								
ANNA 1 E	95.3	70.2	82.8	5.0	104	15	61	25	0	559	25	0	0	0	3.20	- .38	1.48	27	.0	0		4	4	1
BELLEVILLE SO ILL UNIV	95.7	67.4	81.6		105	16	55	25	0	523	25	0	0	0	2.34		1.65	3	.0	0		2	2	1
CAHOKIA	96.6	71.3	84.0		106	16	59	28+	0	594	26	0	0	0					.0	0				
CAIRO WSO CI R	95.8	75.7	85.8	5.1	104	15+	67	28+	0	652	25	0	0	0	2.52	- .72	1.35	26	.0	0		3	2	1
CARBONDALE SEWAGE PL	94.1	68.5	81.3	3.1	103	21	55	24	0	513	24	0	0	0	3.71	.24	1.18	4	.0	0		5	4	1
CARLYLE RESERVOIR	93.3	70.5	81.9	4.2	104	16	59	24	0	529	23	0	0	0	1.83	- 1.67	.88	3	.0	0		4	1	0
DU QUOIN 4 SE	94.4	69.7	82.1	4.0	106	31	57	25	0	536	26	0	0	0	3.16	- .41	2.00	3	.0	0		4	1	1
KASKASKIA R NAV LOCK	95.9	70.7	83.3		108	16	58	24	0	576	24	0	0	0	3.72		1.34	4	.0	0		4	4	1
MARION 4 NNE	94.2	69.1	81.7		103	16	59	24+	0	519	25	0	0	0	5.00	1.51	1.68	3	.0	0		5	4	3
NASHVILLE 4 NE	95.5	71.7	83.6		106	15	61	24	0	586	25	0	0	0	2.13	- 1.24	.84	3	.0	0		5	2	0
SPARTA	96.4	71.4	83.9	5.3	108	31	58	24	0	595	25	0	0	0	3.03	- .63	1.92	3	.0	0		5	1	1
WATERLOO	94.8	70.7	82.8		105	17+	56	24	0	556	23	0	0	0	3.57	.02	1.19	3	.0	0		4	3	3
DIVISION			82.9	4.7											3.11	- .47			.0					
* * * SOUTHEAST 09																								
ALBION	95.7	72.4M	84.1M		105	20	63	24	0	589	28	0	0	0	1.96	- 1.79	.50	2	.0	0		6	1	0
BROOKPORT DAM 52	95.7	69.6	82.7		103	16+	57	24	0	556	26	0	0	0	2.43	- 1.19	1.15	27	.0	0		3	2	2
DIXON SPRINGS AGR C	94.3	70.1	82.2		100	16+	58	25	0	538	27	0	0	0	3.47		2.13	3	.0	0		3	2	2
FAIRFIELD RADIO WFIW	93.5	69.4	81.5	4.3	102	15	58	24	0	517	24	0	0	0	2.40	- 1.76	.98	3	.0	0		5	2	0
HARRISBURG	96.2	71.1	83.7	4.9	105	15	59	24	0	586	25	0	0	0	3.69	.21	1.98	3	.0	0		4	2	1
MC LEANSBORO 2 ENE	91.8	69.0	80.4	2.1	100	16	57	24+	0	485	23	0	0	0	5.08	1.28	1.90	3	.0	0		7	3	1
MT CARMEL	91.8	69.8	80.8		101	16	60	1	0	497	23	0	0	0	3.64		.98	3	.0	0		7	3	0
MT VERNON 3 NE																								
RENO LAKE DAM																								
ROSICLARE	91.0	69.8	80.4		97	19+	58	24	0	486	24	0	0	0	4.11	.48	2.96	3	.0	0		3	3	1
DIVISION			82.0	3.9											3.35	- .48			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
JULY 1980

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
ALEDO	5.92				.29	1.35		T		.33							.42		.75			1.28					1.42	.06			.02	
DIXON 2 W	4.01					.06				.93							.12		.08			1.36					1.28	.02			.14	.02
FREEPORT WASTE WTR PLT	2.51					.02				.80	.13					T	.06					.23	.06				.65	.30			.07	.19
FULTON DAM 13	2.73				.01	.10				.50	.83						.11		T	.07		.45	.04				.24	.23			.10	.05
GALENA	1.65				T	T				.65	.32					.05	.02		.04	T							.36	.04			.13	.04
GALVA	2.86				.19	.90				.08	.25						.10	.13	.42	.23		.31	T				.14	.09			.02	
GENESEO	4.98				.03	1.07				.50							.58		.47		.73	.06				.47	1.03	T			.04	
HENNEPIN POWER PLANT	1.73				.35	.17				T	.26	T					T		.10	.26		.45	.01				.07	.05	.01		T	
ILLINOIS CITY DAM 16 //	2.94					.65				.01	.27						.23		.36	.15		.38	.02				49	.37	.01			
KEITHSBURG	5.02					.80				.32	.12	T					.55		.46	.02		1.50					1.11	.14				
KEWANEE 1 E	4.48				1.06	1.75				.25			T				.07		.77	.01	.35	T					.17	T	T	.05		T
MOLINE WSO AP R	3.46			T		.80				.30	T						.54	T	.46		.39	.01				.04	.88			T	.04	T
MORRISON	3.56					.13				.83	.62						.22		.05	.17		.76	.02				.39	.22		.02	.11	.02
MOUNT CARROLL	3.92				.05	.17				.98	1.77						.02		T	.04		.23	.02				.31	.25			.03	.05
NEW BOSTON DAM 17	3.99				T	1.20				.15	.37						.15		.35	.46		.78	T				.53					
PAW PAW	5.53				.32	.30				.72	1.75						.08			.15		1.26					.12	.62			.10	.11
ROCHELLE	3.81				.05	.05				.69	.53						.13				T	1.70	T				.56	T			T	.10
ROCKFORD 6 ENE	3.13				.01	.03					.71						.54			T		.28	.01					1.51			.04	
ROCKFORD WSO AP //R	3.58	T		T	.02	.03				.70					T	T	.16		T	.01	.14	.66				.59	1.15				.12	T
STOCKTON 1 N	2.38				.02	.01				.69	.37					T	.03					.26					.68	.17			.09	.06
TISKILWA 2 SE	2.11				.26	.49							T				.37		.47	.02		.23					.14	.05	.01	.07		
WALNUT	5.24				.21	1.14				.91							.24		.24	.15		1.62					.53	.05			.15	
NORTHEAST 02																																
ANTIOCH 2 NW	5.98				T	.51	.02		T	T	.26					T	1.08	.08		T		.74	.05	.05			.89	2.15		.04		.11
AURORA	3.81				.06	.04				.91	.26		.02				.10			.12		1.26	.16					.80				.08
BARRINGTON	5.42					.05				.37	.18						1.15				.17	1.74		.12			.47	1.09	.01		T	.07
CHANNAHON DRESDEN ISL	1.85				.14	.10			T	T	.86									.13		.02						.55				.05
CHICAGO O'HARE WSO AP R	3.56	T			.01	.22				.49					T		.45		.01	.11	1.39	.38	T			T	.46	T			.04	T
CHICAGO UNIVERSITY //	2.46					.33				.57							.14		.02	.06		.87	.25				.05	.11			.05	.01
CHICAGO MIDWAY AP //R	4.36					.30				.60							.11			.06		2.94	.10					.25				
DE KALB	5.43				.04	.02				1.03			.01		T		1.34		.01	.01		2.10					.76	T			.10	.01
ELGIN	4.04					.02				.53	.19						1.00					1.27					.40	.60	.01			.02
GEBHARD WOODS ST PARK	1.69				.35	.14					.94											.15						.06				.05
JOLIET BRANDON RD DAM	3.82				.12	.13				.42	1.49		.11				.01			.11		.03	T					1.34				.06
MARENGO	4.54					.03				.65							.58					1.41	.02				1.08	.68			.03	.06
MARSEILLES LOCK	1.69				.26	.07				T	.82						T		T	.20		.02	T					.19	.01		.04	.08
MC HENRY LOCK AND DAM	5.35					.32				.44	.06					T	1.08			T	T	1.47	T	T			1.24	.68			.02	.04
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	-				-	.07				.74							.02		.22	.02		.07					.37	.07			.10	
PARK FOREST	1.74				.01	.02				.75	.30									.04		.04	.02					.50	.03		.03	
PEOTONE	1.20				.11	.19				.11	.70		.05							.04				T				T				T
PERU 2 W	1.92									.36							.05		.32		.05	.86	T				.03	.08	.10	.07		
STREATOR 2 ENE	2.03				40	.23				.28							T		.11	.24		.24					.03	.33	.02		.12	.03
UTICA STARVED ROCK DAM	1.89				.10	.11				.04	.62			T			.09		T	.30		.05	.04				.07	.24	.09		.07	.07
WAUKEGAN	5.28				T	.75					.27					T	.98	.11			T	1.93	T				.19	.99	T	T		.06
WHEATON 3 SE	3.62				1.11						.07				.16	.29								.04		.33	.48	.02	.64	.48		
WEST 03																																
AVON 5 NE	1.95			T	T	.48					.11						T	.10	.15			.85					T	.26				T
BENTLEY 1 E	2.16		.36	.01	.05	.97	.04				T	.01							.33			.15					.16	.08				
CANTON 1 ESE	1.27		.04	T		.47					.11	.01		.01				T	.15			.41					T	.07				
GALESBURG	1.88					.25					.20						.04	.21	.18	.22		.52	T				.19	.07				
GLADSTONE DAM 18	6.66				T	1.50				T	.95						.10	.68	1.08			.91					1.17	.27				
GOLDEN 1 NW	2.90		.52	.05	1.02	.41	T				.07					T						.60	.08					.15				
LA HARPE	2.06		T	.05	.02	.38					.42						T		.54			.35					.08	.22				
MACOMB	3.11		.06	.03	T	.48					.57							.03	.40			.48					.09	.97				
MONMOUTH	2.64					.46				.38	.27						.34		.61			.24					.34					
MOUNT STERLING	4.13			.30	1.40	.38	.23				.14								.35			1.33										
PAYSON	2.83		.49	.74	.26	.13	.49	.08			T							T	T			.04	.03				.02	.54				.01
QUINCY FAA AP	2.40		.57	.13		.37	.57										T		.10			.06					.60	T				T
QUINCY DAM 21 //	2.85		.30	.67	.23	.10		.12										T	.07			.36					.12	.88				
QUINCY MEMORIAL BRIDGE	2.64		.29	.53		.39		.15										T	.19			.33	T				.03	.73	T			
RUSHVILLE	2.30		.28	T	.13	.17	.24				.66								.37			.41					.01	.03				
CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.20		T	T		.40					T								T			.25	.54					T	.01		T	
CHENOA	.80		T			.46							T				T	.08	.01	T			T				.03	.20	.01		.01	
CHILLICOTHE	1.45					.53					.02						T	.06	.25			.10					T	.49			T	
CLINTON 1 SSW	.94			.05	.23	.15					.02	T	T							.02			.08					.14	.12			.13
DECATUR	.46				.16	.07	T				.07									.06			.02				.02	.05	.01			T
FARMER CITY	.59			.08	.12	.39														T			T									
HAVANA 4 NNE	1.74		.04	.08	.38	.50					.22									.15		.30						.07				
LACON 2 E	1.70		T		.22	.69				.24			T				.02		.23	.02		.03					.09	.13			.03	
LINCOLN	1.86			.09	.04	.10					.07	.02								.08		.08	1.19					.16				.03
MACKINAW	1.89		.02			.60				T	.03						T		.18			.74	.13				.18	.01				
MASON CITY 1 NW	1.42		.16		T	.11					.12								.14			.89						T				
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT PULASKI	1.21		.10			T				T		.10							.06			.77					.18	T		T		T
NORMAL	.80			.01		.46													.10			.14	.07				.01	.01			T	
PEORIA WSO AP //R	1.43		T			.48				T	.01						.04		.29		T	.51					.08				T	.02
PETERSBURG 3 SSW	2.12		.08	.14	.07	.16					.50											.27	.80					.10				
PRINCEVILLE	1.21				.11	.22					.09						.06		.41			.13					.10	.09				
EAST 05																																
DANVILLE	1.81				.02	.17					T											.88	.14					.60				T
DANVILLE SEWAGE PLANT	2.81			T	.05	.13						T						T					1.17				T	1.44	.02			
FAIRBURY WATERWORKS	.45	T	T			.32	T			T	T	T	T				T		.07			T			T		T	.06	T	T	T	T
GIBSON CITY 1 E	2.15					.63														T		.10	.02					.23	1.17			T
HOOPESTON 1 NE	1.30				.31	.21					.13			T						T			.11	T				.41	.11			.02
KANKAKEE WTR POLL CTR	2.14				T	.21					.53									T		.32		.06					1.02			T
MONTICELLO 2	1.94				.40	.11														.06		.03						.13	1.21		T	T
PIPER CITY 3 SE	1.32			T	T	.40					.04			.01						.05	.03	.11	.45					.07	.11		.02	.03
PONTIAC	2.77				.31	1.78											T	T		.10		T	.06					.06	.39		.02	.05
RANTOUL	1.16				.02	.52								T														.17	.45			
SIDELL	2.71					.02						T											1.64					.55	.50		T	
URBANA	1.36		T		.06	.37					T	T	T						.01			.02					.22	.67			T	.01
WATSEKA 2 NW	1.12					.56																	.02	T				.39	.07			.08
WEST SOUTHWEST 06																																
ALTON DAM 26	6.09			1.80	.87	.01					.08	.06											3.27					T				
BEARDSTOWN	4.18		.22	42	.34	.42		.68			.50								.62			.18	.68					.12				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BLUFFS	6.40		.25	.14	1.72	2.25	.75												.22	.53		.29				.25						
CARLINVILLE	3.57		.12	.62	1.76	.02	.08				.79								T			.18					T	T				T
EDWARDSVILLE 1 NE	3.61			1.61	.52							.06											1.30					.12				
GRAFTON	4.04			1.66	.95						.11									T			1.02					.22	.08			
GREENFIELD	1.28			.38	.49	.02					.01									.06		.05	.14					.11	.02			
GREENVILLE 1 E	2.70			.61	.54			.18			.17												1.02					18				
GRIGGSVILLE	1.76		.01	42	.68	.34		.12			.05								T				.04					.10				
HILLSBORO	4.10		.05	.40	1.00	T		.96			.39								T				1.30					T				
JACKSONVILLE 2 E	5.24		T	.24	2.48	.39		.89			.06	.54							T	.11		.22	.25	T				.06	T			
JERSEYVILLE 2 SW	2.87			1.10	.33	.01					T									.08		.08	1.08					.13	.06			
KINCAID	2.68			.49	.85	.14		.10			T	.95							.12									.03				
MEDORA	2.70		.18	1.56	.50		.02				.06								T			30						.08				
MORRISONVILLE	2.68			.60	.98	.16		.16			.37									.02			.31						.08			
MOUNT OLIVE 1 E	1.65			.64	.41																		.60									
PANA	5.19			.35	.75	.03		.07			.07	.53	T										2.60					.09	.70			T
SPRINGFIELD WSO AP R	2.08		.11	T	.42	.08	.11				.84								.06			.36					.10	T				T
VIRDEN 1 N	2.78			.90	.61	.16		.62		.02	.25									.01			.04					.15	.02			
VIRGINIA	4.01		.27		.36	.27		1.02			1.04								.19	.12		.05	.66				.03					T
WHITE HALL 1 E	1.76		.20	.55	.25	.04	.05					.02							.10			.48	T				.05	.02				
▪ ▪ ▪ EAST SOUTHEAST 07																																
CASEY	5.41			1.08	.31	.02						T										2.56					1.26	.18				
CHARLESTON	3.07			.73	.28	.05																.22	.82					.93	04			
CLAY CITY 6 SSE	2.87			.97	.16			.02				.06											1.11					.55				
DIONA 3 SW	3.68			.94	.35																		1.04					.42	.93			
EFFINGHAM 3 W	6.16			.23	2.54	.03		.02			T	.13	T					T				T	1.41					.30	1.50			
FLORA 5 NW	1.98			.55			43				.12											47	.10					.31				
GREENUP	3.64			.50	1.00	.04																	1.80					.07	.23			
HUTSONVILLE POWER PL	2.86			.76	.28	.35	.02							.05									1.15	.04					.21			
LAWRENCEVILLE	1.83			.48	.12	.78	.06					.06											.07					.20	.06			
MATTOON	2.76		T	.95	.13	T					.05											.67	T				.40	.56			T	
MOWEAQUA	4.37			.78	1.80	.03					1.03											.15	.30				.23	.05				T
NEWTON 6 SSE	3.24			.11	1.23	.07		.01				.07											1.46					.21	.08			
OLNEY 2 S	2.22			.25	.49		.06				.16											.75	.04					.47				
PALESTINE	4.33			.59	1.39	.07					.03											1.54	.54					.17				
PARIS WATERWORKS	3.12			.08	.23																	1.00	T					1.81	T		T	
SAINTE MARIE	2.56			.14	1.27	.08						.12											.64					.26	.05			
SALEM	2.33			.83			.62				.21							T				.17	.10				T	.40				
TUSCOLA	3.68				.17	.02					.04											2.40	.72					.32			.01	T
VANDALIA 3 ENE	-	-	-	-	-	-	-	-	-	-	-	.22										.03	.45						.01			
WINDSOR	2.88			.93			.31				.27	T										.82	.04					.51				T
▪ ▪ ▪ SOUTHWEST 08																																
ANNA 1 E	3.20		.57	.58																			.51				.06	1.48				
BELLEVILLE SO ILL UNIV	2.34			1.65							.07											.58					.04					
CAHOKIA	-			-	-						.37	T											1.20				.26					
CAIRO WSO CI R	2.52		.03	.05																		.15					1.35	.94				
CARBONDALE SEWAGE PL	3.71			.86	1.18							T											.41					.76	.50			
CARLYLE RESERVOIR	1.83			.88	.49			.02			.23							.03					.11					.07	T			
CENTRALIA	3.45			1.62	.56			.22				.49											.26					.30				
CHESTER	6.06			1.60	.90																		.89					2.50	.17			
DU QUOIN 4 SE	3.16		48	2.00							.04											.20					.05	.39				
GRAND TOWER 2 N	4.44			.27	1.41																		.93					▪	1.83			
KASKASKIA R NAV LOCK	3.72			.83	1.34							.03											.60					.85	.07			
MARION 4 NNE	5.00			1.68	1.16																		1.13					.72	.31			
NASHVILLE 4 NE	2.13			.84	.55							.23											.17					.28	.06			
PRAIRIE DU ROCHER 1WSW	2.84			.36	1.64							T											.52					.27	.05			
RED BUD 5 SE	3.58			2.35								.51											.52					.20				
SPARTA	3.03		.15	1.92							.38											.07	.20					.31				
WATERLOO	3.57			1.19	1.06							.08											1.06					.10	.08			
▪ ▪ ▪ SOUTHEAST 09																																
ALBION	1.96		.50	.18	.04	T	.38				.35												.21					.30				
BENTON FOREST SERVICE	5.80			2.63	.85							.07											.36					.64	1.25			
BROOKPORT DAM 52	2.43			.08	1.06																		T					1.15	.14			
CARMI 6 NW	5.88			2.12	.38	.24		.39						.43									.60					.33	1.39			
DIXON SPRINGS AGR C	3.47			2.13																			.20					1.14				
FAIRFIELD RADIO WFIW	2.40			.98	.04	.01	.19				.16												.54					48				
GOLCONDA DAM 51	4.40			.88	2.07							.02											.87	.03				.31	.22			
HARRISBURG	3.69		.26	1.98			.05				T												.90				.07	.43				
HARRISBURG DISPOSAL PL	3.07			1.18	.89			02															.37					.59	.02			
MC LEANSBORO 2 ENE	5.08			1.90	.45	03		.40				.60											.32					.42	.96			
MT CARMEL	3.64			.98	.26	.83		.25				.07											.49	.10				T	.66			
MT VERNON 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REND LAKE DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSICLARE	4.11			2.96			T																.58					.57				
SHAWNEETOWN NEW TOWN	2.88			1.71	.80																		.13					.16	.08			
WAYNE CITY 1 N	3.88			.52	.48	.82		.62															.32					.21	.91			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
* * *															
NORTHWEST 01															
ALEDO	SNOWFALL					.8	T	3.4	12.9	10.0	7.0			34.1	
	1 IN ON GD							-	-	-	1			-	
DIXON 2 W	SNOWFALL				T	.5	2.3	2.3	14.3	2.8	3.7			25.9	
	1 IN ON GD						2	4	26	7	2			41	
FREEPORT WASTE WTR PLT	SNOWFALL					1.0	2.0	4.0	12.2	4.0	3.3			26.5	
	1 IN ON GD					1	2	12	26	12	1			54	
FULTON DAM 13	SNOWFALL					T	1.5	2.6	11.5	3.0	2.5			21.1	
	1 IN ON GD						3	3	26	8				40	
GALENA	SNOWFALL					1.0	1.5	4.1	10.6	5.0	5.0			27.2	
	1 IN ON GD					1	3	14	25	10	2			55	
GALVA	SNOWFALL					2.5	T	2.5	15.5	12.5	10.0			43.0	
	1 IN ON GD					3	4	3	27	16	3			56	
GENESEO	SNOWFALL					1.7	T	4.4	13.4	5.9	8.4			33.8	
	1 IN ON GD							3	25	8	1			37	
HENNEPIN POWER PLANT	SNOWFALL					-	-	-	14.0	-	-			-	
	1 IN ON GD					-	-	1	-	-				-	
ILLINOIS CITY DAM 16	SNOWFALL					T	-	2.1	9.5	4.5	5.0			-	
	1 IN ON GD						-	4	26	8	2			-	
KEITHSBURG	SNOWFALL					T	T	-	12.0	-	-			-	
	1 IN ON GD							2	-	6	2			-	
KEWANEE 1 E	SNOWFALL					3.5	1.5	-	15.0	6.8	7.6			-	
	1 IN ON GD					3	4	4	27	15	2			55	
MOLINE WSO AP	SNOWFALL				T	1.9	.8	4.2	13.1	7.5	9.5			37.0	
	1 IN ON GD						1	3	26	7	1			38	
MORRISON	SNOWFALL					-	3.0	2.6	17.5	2.0	2.5			-	
	1 IN ON GD					1	1	5	26	9	3			45	
MOUNT CARROLL	SNOWFALL					.7	2.0	4.0	16.5	5.5	8.5			37.2	
	1 IN ON GD						3	12	26	14	4			59	
NEW BOSTON DAM 17	SNOWFALL					-	-	-	-	-	-			-	
	1 IN ON GD					-	-	2	22	4	-			-	
PAW PAW	SNOWFALL					3.0	1.0	-	12.5	-	7.5			-	
	1 IN ON GD					3	5	9	26	8	2			53	
ROCHELLE	SNOWFALL					1.5	2.5	-	12.9	4.0	4.8			-	
	1 IN ON GD					1	4	-	26	8	2			-	
ROCKFORD 6 ENE	SNOWFALL					-	-	-	-	-	-			-	
	1 IN ON GD					3	2	4	-	14	-			-	
ROCKFORD WSO AP	SNOWFALL				T	4.9	.9	5.1	13.0	4.6	5.4			33.9	
	1 IN ON GD					1	2	12	26	10	2			53	
STOCKTON 1 N	SNOWFALL					.5	-	2.7	9.7	2.8	4.0			-	
	1 IN ON GD					1	1	-	-	-	-			-	
TISKILWA 2 SE	SNOWFALL					4.0	.9	1.9	18.5	5.6	6.4			37.3	
	1 IN ON GD					2	3	3	25	14	1			48	
WALNUT	SNOWFALL					.2	3.1	-	14.5	-	7.0			-	
	1 IN ON GD						2	2	24	9	1			38	
* * *															
NORTHEAST 02															
ANTIOCH 2 NW	SNOWFALL					3.4	2.2	8.6	12.1	10.6	8.3			45.2	
	1 IN ON GD					3		14	26	9	1			53	
AURORA	SNOWFALL					-	1.8	3.1	11.2	6.3	-			-	
	1 IN ON GD						3		24	6	-			-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASDN OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
BARRINGTON	SNOWFALL					T	-	-	7.4	-	-			-	
	1 IN DN GO						-	3	15	-	-			-	
CHANNAHON ORESDEN ISL	SNDWFALL					T	-	4.0	16.0	5.5	-			-	
	1 IN ON GD						2	9	26	7	-			-	
CHICAGD O'HARE WSD AP	SNOWFALL					4.D	.9	6.2	14.7	11.6	4.2			41.6	
	1 IN ON GO						2	14	23	8	1			48	
CHICAGO UNIVERSITY	SNOWFALL					-	4.0	6.4	17.9	13.9	.3			-	
	1 IN DN GO						5	8	25	15				53	
CHICAGO MIOWAY AP	SNOWFALL					2.1	3.6	-	23.5	4.7	-			-	
	1 IN ON GD						4	5	-	9	-			-	
DE KAL8	SNOWFALL				T	3.4	2.3	4.9	16.4	6.8	6.D			39.8	
	1 IN DN GO					3	3	9	26	7	1			49	
ELGIN	SNOWFALL					5.0	T	-	-	7.5	-			-	
	1 IN ON GD					-		-	-	-	-			-	
GE8HARO WOODS ST PARK	SNOWFALL					T	1.5	4.2	16.8	3.8	.5			26.8	
	1 IN ON GO						3	9	-	9	1			-	
JDLIET 8RANOON RO OAM	SNOWFALL					-	-	-	-	-	-			-	
	1 IN ON GO					-	-	-	-	-	-			-	
MARENGO	SNOWFALL					-	-	-	8.9	4.0	4.5			-	
	1 IN ON GD					-	-	10	26	9	3			-	
MARSEILLES LOCK	SNOWFALL					.1	1.2	3.2	13.8	4.0	2.5			24.8	
	1 IN ON GO						1	8	27	9				45	
MC HENRY LOCK AND OAM	SNOWFALL					.9	.8	3.2	11.8	4.2	2.2			23.1	
	1 IN ON GO							4	23	5	2			34	
MORRIS	SNOWFALL					-	-	2.1	-	-	-			-	
	1 IN ON GD					-	-	-	-	-	-			-	
OTTAWA	SNOWFALL					T	.5	3.7	14.0	6.7	1.5			26.4	
	1 IN ON GD						1	9	26	7				43	
PARK FOREST	SNOWFALL					.5	3.0	4.6	14.2	9.3	2.5			34.1	
	1 IN ON GO					2	2	9	26	15				54	
PEOTONE	SNOWFALL					T	.1	-	14.3	7.9	2.7			-	
	1 IN ON GO						2	-	25	9	1			-	
PERU 2 W	SNOWFALL					-	-	-	-	-	1.0			-	
	1 IN ON GO					-	-	-	-	-				-	
STREATOR 2 ENE	SNOWFALL					T	.3	5.8	16.7	4.0	4.6			31.4	
	1 IN DN GD							1	22	3				26	
UTICA STARVEO ROCK OAM	SNOWFALL					.5	.7	3.4	12.7	5.8	1.5			24.6	
	1 IN ON GO					1	1	-	-	-	1			-	
WAUKEGAN	SNOWFALL					1.3	1.3	8.0	16.1	-	2.3			-	
	1 IN ON GD						-	-	-	-				-	
WHEATON 3 SE	SNOWFALL					.4	1.1	7.0	16.1	8.8	3.0			36.4	
	1 IN ON GO							-	-	-				-	
* * *															
WEST 03															
AVON 5 NE	SNOWFALL					1.0	T	2.5	8.0	3.5	6.0			21.0	
	1 IN ON GO							2	22	7	2			33	
8ENTLEY 1 E	SNOWFALL					T		3.8	3.7	6.8	6.5			20.8	
	1 IN ON GO							2	22	6	1			31	
CANTON 1 ESE	SNOWFALL					T		2.8	7.5	4.0	6.0			20.3	
	1 IN ON GO							2	23	3	1			29	
GALES8URG	SNDWFALL					1.2	T	2.4	11.6	-	10.0			-	
	1 IN ON GO							2	-	5	2			-	
GLADSTONE DAM 18	SNOWFALL					.5	T	-	-	-	-			-	
	1 IN DN GO					1		2	21	3				27	

SEE REFERENCE NOTES FOLLOWING STATION INOEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
GOLDEN 1 NW	SNOWFALL					-	-	2.0	6.0	8.0	7.0			-	
	1 IN ON GD					-	-	-	-	-				-	
LA HARPE	SNOWFALL					2.5	T	5.0	6.5	7.5	5.0			26.5	
	1 IN ON GD							2	21	4	2			29	
MACOMB	SNOWFALL					.6	.1	2.0	5.5	5.0	-			-	
	1 IN ON GD					1		-	-	-	2			-	
MONMOUTH	SNOWFALL					3.0	T	2.5	11.0	6.5	7.0			30.0	
	1 IN ON GD					3		2	24	4	1			34	
MOUNT STERLING	SNOWFALL					T	-	-	-	11.0	4.0			-	
	1 IN ON GD						-	-	-	-	-			-	
PAYSON	SNOWFALL					T	T	4.0	4.0	10.0	4.0			22.0	
	1 IN ON GD							2	20	7	3			32	
QUINCY FAA AP	SNOWFALL					.1	T	3.6	9.1	4.3	4.4			21.5	
	1 IN ON GD							2	20	8	2			32	
QUINCY DAM 21	SNOWFALL					T		-	-	11.0	4.0			-	
	1 IN ON GD							2	20	-				-	
QUINCY MEMORIAL BRIDGE	SNOWFALL					T	T	3.8	3.4	13.8	3.0			24.0	
	1 IN ON GD							2	19	7	2			30	
RUSHVILLE	SNOWFALL					T	T	3.8	7.7	9.0	6.5			27.0	
	1 IN ON GD							3	20	-	1			-	
* * *															
CENTRAL 04															
BLOOMINGTON WATERWORKS	SNOWFALL					-	T	-	7.8	-	-			-	
	1 IN ON GD					3		3	-	-	-			-	
CHENOA	SNOWFALL					1.2	T	1.9	12.0	1.5	2.0			18.6	
	1 IN ON GD					4		-	14					-	
CHILLICOTHE	SNOWFALL					T	T	3.0	12.0	3.5	4.0			22.5	
	1 IN ON GD							4	28	10	2			44	
CLINTON 1 SSW	SNOWFALL					-	-	-	-	-	-			-	
	1 IN ON GD					-	-	-	-	-				-	
DECATUR	SNOWFALL					T	T	3.0	9.3	5.0	2.5			19.8	
	1 IN ON GD							2	26	7	2			37	
FARMER CITY	SNOWFALL					T	T	2.0	-	-	2.3			-	
	1 IN ON GD							2	-	5	2			-	
HAVANA 4 NNE	SNOWFALL					.5		-	12.0	9.5	7.5			-	
	1 IN ON GD					1		-	-	-	2			-	
LACON 2 E	SNOWFALL					.5		1.9	-	-	2.5			-	
	1 IN ON GD					1		3	22	5	1			32	
LINCOLN	SNOWFALL					T		2.0	5.0	3.5	6.0			16.5	
	1 IN ON GD							2	18	5	2			27	
MACKINAW	SNOWFALL					1.5	.2	4.0	11.9	4.0	8.0			29.6	
	1 IN ON GD							-	26	4	1			-	
MASON CITY 1 NW	SNOWFALL					.1		2.2	5.0	4.0	6.0			17.3	
	1 IN ON GD							2	21	2	1			26	
MINONK	SNOWFALL					1.6	T	3.3	13.6	5.4	-			-	
	1 IN ON GD					-	-	-	-	-	-			-	
MOUNT PULASKI	SNOWFALL					T	-	3.0	-	1.5	3.0			-	
	1 IN ON GD						-	-	-	-	-			-	
NORMAL	SNOWFALL					1.6	.3	3.0	8.4	1.6	2.5			17.4	
	1 IN ON GD					1		1	23	2	1			28	
PEORIA WSO AP	SNOWFALL					.8	.1	3.7	11.3	5.3	6.3			27.5	
	1 IN ON GD							2	26	3	2			33	
PETERSBURG 3 SSW	SNOWFALL					T		4.0	5.5	3.0	5.9			18.4	
	1 IN ON GD							2	21	2	2			27	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
PRINCEVILLE	SNOWFALL					.3	T	2.0	13.5	5.6	4.0			25.4	
	1 IN ON GO					-		-	-	-				-	
* * *															
EAST 05															
OANVILLE	SNOWFALL					1.3	-	2.5	-	1.5	.5			-	
	1 IN ON GO						-	2	-	5				-	
OANVILLE SEWAGE PLANT	SNOWFALL					1.0	-	-	9.4	.7				-	
	1 IN ON GO						-	-	-					-	
GI8SON CITY 1 E	SNOWFALL					2.0	T	3.3	15.1	1.5	4.0			25.9	
	1 IN ON GO					1		2	25	8	2			38	
HOOPESTON 1 NE	SNOWFALL					.9	.1	2.6	10.3	1.2	1.5			16.6	
	1 IN ON GO							3	26	9				38	
KANKAKEE WTR POLL CTR	SNOWFALL					1.0	2.0	5.0	16.0	5.0	2.0			31.0	
	1 IN ON GO					1	4	6	27	11	1			50	
MONTICELLO 2	SNOWFALL					.5	T	3.1	9.2	-	2.0			-	
	1 IN ON GO							-	-	1	1			-	
PIPER CITY 3 SE	SNOWFALL				T	.2	.2	3.0	11.8	2.8	5.2			23.2	
	1 IN ON GO							3	25	11	2			41	
PONTIAC	SNOWFALL					1.0	.3	3.5	12.5	1.3	2.5			21.1	
	1 IN ON GO							3	26	7	1			37	
RANTOUL	SNOWFALL					1.0	-	-	-	-	-			-	
	1 IN ON GO					1		2	-	-	1			-	
SIOELL	SNOWFALL					1.0		3.0	11.6	-	T			-	
	1 IN ON GD							2	24	-				-	
UR8ANA	SNOWFALL					2.2	.1	3.2	9.7	1.2	-			-	
	1 IN ON GO					1		-	23	3	-			-	
WATSEKA 2 NW	SNOWFALL					T	.3	-	15.2	-	1.0			-	
	1 IN ON GO							3	25	6	1			35	
* * *															
WEST SOUTHWEST 06															
ALTON OAM 26	SNOWFALL					T		2.7	5.1	11.0	5.0			23.8	
	1 IN ON GD							2	15	8	2			27	
8EAROSTOWN	SNOWFALL					T	T	4.0	5.5	7.0	4.5			21.0	
	1 IN ON CO							-	20	7	2			-	
BLUFFS	SNOWFALL					T		-	-	11.0	-			-	
	1 IN ON GO							-	-	-	-			-	
CARLINVILLE	SNOWFALL					T	T	7.0	5.5	9.5	5.6			27.6	
	1 IN ON GO							2	19	5	1			27	
EOWAROSVILLE 1 NE	SNOWFALL					T		4.5	5.2	7.9	3.5			21.1	
	1 IN ON GO							2	19	6	2			29	
GRAFTON	SNOWFALL					.8		5.2	6.8	13.0	6.1			31.9	
	1 IN ON GO					1		2	18	7	2			30	
GREENFIELO	SNOWFALL	-	-	-	-	T	-	7.0	7.5	10.3	7.0			-	
	1 IN ON GO	-	-	-	-			2	21	7	2			-	
GREENVILLE 1 E	SNOWFALL							6.5	8.0	7.0	T			21.5	
	1 IN ON GO							2	19	6				27	
GRIGGSVILLE	SNOWFALL					-	T	6.0	5.0	13.0	6.0			-	
	1 IN ON GO							2	20	7	2			31	
HILLS8ORO	SNOWFALL					T		6.0	7.5	8.4	.1			22.0	
	1 IN ON GO							-	-	-				-	
JACKSONVILLE 2 E	SNOWFALL					.8	T	6.0	6.9	11.3	3.5			28.5	
	1 IN ON GO							2	23	6	2			33	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
JERSEYVILLE 2 SW	SNOWFALL						T	-	6.0	12.0	4.0			-	
	1 IN ON GD							2	17	7	2			28	
KINCAID	SNOWFALL							4.5	-	-	4.5			-	
	1 IN ON GD							2	23	6	2			33	
MEDORA	SNOWFALL					T	T	5.0	8.0	11.0	6.0			30.0	
	1 IN ON GD							2	19	7				28	
MORRISONVILLE	SNOWFALL	-	-	-	-	.5	T	7.5	9.2	9.0	5.0			-	
	1 IN ON GD	-	-	-	-			2	21	6	2			-	
MOUNT OLIVE 1 E	SNOWFALL							5.0	7.5	8.0	7.0			27.5	
	1 IN ON GD							2	21	5	2			30	
PANA	SNOWFALL					.4	T	7.3	6.3	10.0	8.0			32.0	
	1 IN ON GD							2	23	9	2			36	
SPRINGFIELD WSO AP	SNOWFALL					.8	.1	5.1	11.7	5.5	7.3			30.5	
	1 IN ON GD							2	23	6	2			33	
VIRDEN 1 N	SNOWFALL					1.0		6.0	12.5	8.5	6.0			34.0	
	1 IN ON GD					1		2	23	7	3			36	
VIRGINIA	SNOWFALL					T		-	-	-	5.0			-	
	1 IN ON GD							-	-	-				-	
WHITE HALL 1 E	SNOWFALL							5.0	-	-	5.0			-	
	1 IN ON GD							2	-	-	1			-	

* * *

EAST SOUTHEAST 07

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
CASEY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-		-	
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-		-	
CHARLESTON	SNOWFALL					1.2	T	5.0	-	7.0				-	
	1 IN ON GD					2		2	26	-				-	
CLAY CITY 6 SSE	SNOWFALL					T		5.3	5.0	7.0	T			17.3	
	1 IN ON GD							-	-	-				-	
DIONA 3 SW	SNOWFALL					.2		7.0	11.3	-				-	
	1 IN ON GD							-	-	-				-	
EFFINGHAM 3 W	SNOWFALL					1.0	T	7.4	10.4	9.5	1.0			29.3	
	1 IN ON GD							2	23	6				31	
FLORA 5 NW	SNOWFALL					.2		-	-	-	-			-	
	1 IN ON GD							2	18	4				24	
GREENUP	SNOWFALL					T		-	6.5	8.0	T			-	
	1 IN ON GD							-	22	5				-	
HUTSONVILLE POWER PL	SNOWFALL					.2	T	5.0	-	-				-	
	1 IN ON GD							-	-	6				-	
LAWRENCEVILLE	SNOWFALL					.4	T	8.0	6.2	7.5	T			22.1	
	1 IN ON GD							4	19	6				29	
MATTOON	SNOWFALL					.5	T	5.0	-	1.5	T			-	
	1 IN ON GD							-	24	-				-	
MOWEAQUA	SNOWFALL					-	-	-	-	.5	-			-	
	1 IN ON GD					-	-	2	-	-	1			-	
NEWTON 6 SSE	SNOWFALL					T		5.5	-	6.5	T			-	
	1 IN ON GD							2	22	6				30	
OLNEY 2 S	SNOWFALL					T	T	6.5	5.0	7.0	-			-	
	1 IN ON GD							-	-	-				-	
PALESTINE	SNOWFALL					.5	T	7.0	11.0	8.0	T			26.5	
	1 IN ON GD							2	21	5				28	
PARIS WATERWORKS	SNOWFALL					.3	.3	5.0	13.9	7.3	1.0			27.8	
	1 IN ON GD							2	-	6				-	
SAINTE MARIE	SNOWFALL					T	T	5.5	8.0	5.5				19.0	
	1 IN ON GD							2	20	5				27	

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
SALEM	SNOWFALL							4.8	4.8	3.8				13.4	
	1 IN ON GD							2	20	3				25	
TUSCOLA	SNOWFALL					-	T	3.0	9.5	1.0	3.0			-	
	1 IN ON GD					-		-	-	-				-	
VANDALIA 3 SW	SNOWFALL					-		-	-	-	-			-	
	1 IN ON GD					-		-	-	-	-			-	
WINOSOR	SNOWFALL					.5	T	5.0	9.8	5.0	2.5			22.8	
	1 IN ON GD							2	22	4				28	
* * *															
SOUTHWEST 08															
ANNA 1 E	SNOWFALL					T		3.3	5.7	2.1	.5			11.6	
	1 IN ON GD							2	13	2				17	
8ELLEVILLE SO ILL UNIV	SNOWFALL							4.5	3.5	8.5	3.8			20.3	
	1 IN ON GD							2	10	5	1			18	
CAHOKIA	SNOWFALL					T	T	-	4.0	-	-	-	-	-	
	1 IN ON GD							-	-	-	-	-	-	-	
CAIRO WSO CI	SNOWFALL					T		2.7	5.9	.9				9.5	
	1 IN ON GD							4	13	2				19	
CAR8ONOALE SEWAGE PL	SNOWFALL					T	T	4.5	4.8	2.5	T			11.8	
	1 IN ON GD							2	14	3				19	
CARLYLE RESERVOIR	SNOWFALL					T		4.5	4.8	-	T			-	
	1 IN ON GD							2	19	6				27	
CENTRALIA	SNOWFALL					T		6.0	8.5	5.0	2.6			22.1	
	1 IN ON GD							2	18	5				25	
CHESTER	SNOWFALL					T		4.0	5.2	4.0	1.0			14.2	
	1 IN ON GD							2	14	4	1			21	
OU QUOIN 4 SE	SNOWFALL					T		-	6.3	-	.5			-	
	1 IN ON GD							2	14	2	1			19	
GRANO TOWER 2 N	SNOWFALL					T		5.0	4.5	1.1				10.6	
	1 IN ON GD							2	14	1				17	
KASKASKIA R NAV LOCK	SNOWFALL							6.0	.5	-	1.0			-	
	1 IN ON GD							-	2	4				-	
MARION 4 NNE	SNOWFALL					T	T	6.2	7.5	3.7				17.4	
	1 IN ON GD							2	15	4				21	
NASHVILLE 4 NE	SNOWFALL					T		5.4	7.0	3.6	1.0			17.0	
	1 IN ON GD							2	18	3				23	
PRAIRIE OU ROCHER 1WSW	SNOWFALL							3.5	4.3	4.0	2.7			14.5	
	1 IN ON GD							2	15	3	1			21	
REO 8UO 5 SE	SNOWFALL					T	T	3.8	3.5	4.5	3.0			14.8	
	1 IN ON GD							2	-	-				-	
SPARTA	SNOWFALL					T	T	3.8	6.7	4.3	3.0			17.8	
	1 IN ON GD							2	14	3	1			20	
WATERLOO	SNOWFALL						T	4.0	6.3	7.0	3.5			20.8	
	1 IN ON GD							2	17	6	2			27	
* * *															
SOUTHEAST 09															
AL8ION	SNOWFALL							-	-	3.8				-	
	1 IN ON GD							2	-	2				-	
8ENTON FOREST SERVICE	SNOWFALL							5.0	10.3	2.0				17.3	
	1 IN ON GD							2	-	-				-	
8ROOKPORT DAM 52	SNOWFALL					T		3.5	4.8	1.0				9.3	
	1 IN ON GD							2	14	2				18	

SEE REFERENCE NOTES FOLLOWING STATION INOEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

ILLINOIS

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
CARMI 6 NW	SNOWFALL					T	T	5.5	11.3	2.0				18.8	
	1 IN ON GD							2	16	2				20	
DIXON SPRINGS AGR C	SNOWFALL					T		2.6	6.5	2.0	T			11.1	
	1 IN ON GD							2	14	2				18	
FAIRFIELD RADIO WFIW	SNOWFALL					T		4.0	5.5	5.5	T			15.0	
	1 IN ON GD							2	15	3				20	
GOLCONDA DAM 51	SNOWFALL					T		5.0	5.5	.8				11.3	
	1 IN ON GD							3	3	1				7	
HARRISBURG	SNOWFALL					T		5.0	9.0	3.0	T			17.0	
	1 IN ON GD							2	14	2				18	
HARRISBURG DISPOSAL PL	SNOWFALL					T		5.5	3.2	2.5				11.2	
	1 IN ON GD							2	16	3				21	
MC LEANSBORO 2 ENE	SNOWFALL					T	.3	5.0	4.9	4.6				14.8	
	1 IN ON GD							3	18	5				26	
MT CARMEL	SNOWFALL					T		5.5	4.5	4.5				14.5	
	1 IN ON GD							2	15	3				20	
MT VERNON 3 NE	SNOWFALL					.5	-	-	13.3	5.0				-	
	1 IN ON GD					1	-	-	-	4				-	
RENO LAKE DAM	SNOWFALL					-	-	-	-	-				-	
	1 IN ON GD					-	-	-	-	3				-	
ROSICLARE	SNOWFALL					.3		4.5	3.9	2.1				10.8	
	1 IN ON GD							4	14	2				20	
SHAWNEETOWN NEW TOWN	SNOWFALL					.5		5.3	3.5	2.0				11.3	
	1 IN ON GD							3	15	3				21	
WAYNE CITY 1 N	SNOWFALL							-	-	-				-	
	1 IN ON GD							-	-	-				-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	89	86	84	90	91	88	97	94	91	90	92	95	91	98	97	94	92	88	93	97	94	80	82	85	89	86	75	82	86	92	92	89.7
	MIN	65	65	59	62	64	60	71	76	62	73	68	76	68	73	78	68	66	66	71	76	67	60	59	60	62	66	61	58	62	66	71	66.4
DIXON 2 W	MAX	77	86	78	84	86	91	82	96	87	85	88	90	92	88	92	93	88	90	87	89	95	82	79	81	83	88	76	74	82	84	87	85.8
	MIN	57	65	54	62	66	56	61	72	59	61	65	69	65	65	71	70	61	61	67	70	67	62	57	56	58	64	61	54	59	62	62	62.5
FREEPORT WASTE WTR PLT	MAX	79	88	78	84	88	90	83	97	86	83	90	92	92	90	92	94	90	92	89	89	93	83	80	82	86	86	76	77	83	86	87	86.6
	MIN	59	63	54	61	62	55	59	75	60	60	60	74	66	66	75	68	61	70	69	73	70	61	57	56	62	67	59	55	58	61	63	63.2
FULTON DAM 13	MAX	79	86	81	84	87	89	86	95	85	86	90	90	91	81	93	93	80	91	87	90	94	84	79	82	84	87	75	78	83	85	91	86.0
	MIN	61	66	59	59	64	59	61	73	62	62	71	71	71	71	76	70	69	71	67	75	72	67	67	61	61	66	64	62	62	65	65	66.1
GALVA	MAX	79	89	81	82	88	90	83	97	93	89	91	90	93	89	97	95	90	92	89	93	97	82	81	82	85	89	77	73	83	87	92	87.7
	MIN	56	65	59	58	58	60	59	75	63	65	69	75	67	69	74	70	65	65	68	72	67	62	61	61	62	64	62	58	59	63	67	64.5
GENESEO	MAX	88	80	83	89	91	83	99	90	88	90	91	94	90	96	98	89	92	90	91	96	83	82	82	86	90	77	74	84	87	92	88	88.2
	MIN	65	65	58	61	66	60	73	73	63	73	70	78	69	74	79	70	65	69	73	70	70	63	63	61	65	66	63	60	64	65	73	67.3
HENNEPIN POWER PLANT	MAX	80	89	83	86	89	91	84	98	91	88	90	92	95	91	96	96	93	95	90	94	99	83	82	83	86	91	76	73	85	88	94	88.7
	MIN	64	69	57	60	65	59	63	77	64	66	67	74	66	70	79	70	61	66	68	71	68	63	56	55	56	67	64	57	60	62	65	64.8
KEWANEE 1 E	MAX	77	87	87	81	86	87	84	95	90	87	88	89	91	88	85	87	88	92	88	91	95	81	80	81	83	87	82	74	76	76	90	85.6
	MIN	53	65	57	57	58	58	64	77	63	67	63	75	61	72	76	69	64	67	68	74	67	63	57	55	55	66	54	55	56	62	72	63.5
MOLINE WSO AP	MAX	89	80	83	89	91	84	97	91	88	91	90	95	90	96	97	90	92	88	92	96	83	83	83	85	89	78	76	82	87	92	89	88.3
	MIN	65	64	58	65	64	62	75	73	64	71	66	77	70	76	80	67	63	69	74	69	67	61	60	61	65	65	62	60	63	68	70	66.9
MORRISON	MAX	77	86	83	83	87	90	83	95	86	84	89	89	92	87	91	94	89	91	86	90	94	84	80	82	83	85	76	78	81	86	88	86.1
	MIN	56	66	66	61	63	57	61	75	61	62	64	65	68	69	75	69	63	69	68	73	70	62	59	56	59	63	62	58	59	63	62	64.0
MOUNT CARROLL	MAX	77	86	80	83	86	90	82	95	87	84	89	90	92	88	90	92	88	90	87	89	93	82	79	81	83	84	73	77	84	86	87	85.6
	MIN	56	62	51	57	66	55	57	72	59	61	63	64	64	68	75	70	57	57	67	71	70	56	55	52	52	59	60	54	55	59	62	60.8
PAW PAW	MAX	77	86	77	82	85	89	81	95	85	82	88	88	90	90	91	92	88	89	86	88	93	80	79	79	80	84	75	75	80	84	84	84.6
	MIN	47	55	55	56	60	55	60	68	60	60	68	68	65	65	65	68	63	63	68	70	68	62	59	56	58	60	62	55	57	57	60	61.1
ROCHELLE	MAX	79	86	78	84	87	90	82	98	96	87	88	91	90	91	92	93	88	89	88	90	97		78	80	82	86	79	71	82	84	85	86.4
	MIN	56	64	55	59	64	61	55	72	58	58	66	68	67	66	73	66	67	66	68	71	67	60	55	56	58	59	61	53	56	59	61	62.1
ROCKFORD WSO AP	MAX	85	79	85	87	90	83	99	87	84	88	90	91	88	93	93	88	90	89	90	97	82	80	81	83	85	73	75	83	87	87	87	86.4
	MIN	63	57	54	64	61	54	68	70	60	68	65	71	66	69	79	68	63	70	71	72	68	63	58	56	60	65	61	55	63	61	71	64.3
STOCKTON 1 N	MAX	77	85	78	81	84	87	81	93	84	82	87		89	86	89	91	86	89		86	93	83	77	80	82	86	70	76	81	85	83	83.8
	MIN	62	58	53	63	65	55	59	72	59	61	66	74	66	70	72	68	62	69	68	74	69	63	54	53	63	67	58	51	63	59	64	63.2
TISKILWA 2 SE	MAX	88	87	84	88	89	87	95	93	88	89	91	92	90	95	95	95	92	91	94	96	91	81	82	85	90	88	75	83	87	92	87	89.0
	MIN	61	66	55	56	64	57	70	76	63		63	74	65	69	79	69	63	68	70	80	68	63	57	55	60	67	63	57	62	63		64.9
WALNUT	MAX	87	86	82	86	90	89	95	95	84	90	90	93	92	93	94	93	91	90	90	96	95	78	81	83	87	86	75	81	85	89	89	88.2
	MIN	62	63	56	59	65	57	70	75	61	70	69	69	65	70	83	63	64	68	68	79	66	62	58	60	61	67	63	57	64	62	72	65.4
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	77	84	73	82	85	87	74	96	79	80	88	93	85	87	91	90	87	86	85	83	95	81	77	77	81	86	68	73	81	81	76	82.8
	MIN	55	60	49	50	65	53	53	68	60	61	65	69	61	61	73	64	62	62	66	69	69	61	56	54	55	66	60	53	53	59	60	60.4
AURORA	MAX	87	77	82	88	91	83	99	88	83	89	92	92	90	93	96	90	90	87	92	98	82	82	79	82	86	75	71	83	86	82	88	86.5
	MIN	62	59	54	61	60	56	65	71	61	67	65	71	64	71	78	66	62	69	69	66	68	63	58	56	60		63	57	63	61	72	63.9
BARRINGTON	MAX	78	86	74	81	86	82	82	98	82	79	89	91	91	90	92	94	87	87	86	85	96	81	77	79	83	86	71	71	82	83	78	84.1
	MIN	61	61	49	63	66	68	62	72	56	60	68	67	61	68	75	64	62	67	70	72	67	63	55	56	62	67	61	56	60	60	63	63.3
CHICAGO O'HARE WSO AP	MAX	90	73	80	83	94	77	102	87	79	91	95	94	90	97	98	91	90	90	87	101	82	79	79	84	89	77	74	84	85	82	89	86.9
	MIN	61	57	50	59	58	52	59	67	62	66	72	68	66	71	82	69	68	69	73	69	69	63	59	57	64	68	64	59	62	62	75	64.5
CHICAGO UNIVERSITY	MAX	85	89	71	77	80	82	95	99	75	81	92	95	93	92	96	93	91	86	90	98	100	82	76	81	86	88	72	77	82	80	91	86.3
	MIN	63	61	58	62	69	59	64	66	65	65	72	75	66	71	81	68	69	69	75	77	68	68	61	60	66	71	67	62	67	64	72	67.1
CHICAGO MIDWAY AP	MAX	75	84	78	80	92	90	80	99	85	79	86	95	96	88	95	98	91	94		88	99	87	79	78	84	87		74	84	84	81	86.6
	MIN	63	63	60	64	69	59	60	69	62	65	70	76	68	72	76	68	70	68		69		68	61	61	65	66		61	65	69	65	66.1
DE KALB	MAX	86	85	83	86	91	89	96	95	92	89	91	92	89	90	94	94	89	88	89	95	93	82	81	82	88	83	73	81	86	85	86	87.8
	MIN	61	65	52	60	67	55	67	77	60	66	68	75	63	68	77	65	65	68	70	75	65	62	56	55	60	66	61	56	63	60	75	64.6
ELGIN	MAX	77	84	73	80	85	89	80	96	84	81	88	91	89	88	91	93	87	88	85	87	93	81	78	79	80	85	75	72	80	84	78	83.9
	MIN	56	61	52	56	62	57	56	72	61	65	70	72	63	65	71	63	62	68	69	72	62	64	57	56	56	60	61	57	60	61	62	62.2
GEBHARD WOODS ST PARK	MAX	82	86		88	90	91	88	99	92	87	90	95	94	94	96	98	91	94	90	98	100	85	87	85	87	91	76	73	86	90	88	89.7
	MIN	61		61	60	62	62	64	74	64	65	67	73	64	69	76	71	63	68	68	70	70	65	58	54	59	65	64	58	62	60	67	64.8
JOLIET BRANDON RD DAM	MAX	81	89	79	82	88	92	85	98	88	82	89	93	92	91	93	95	91	90	90	94	98	85	83	80	85	88	76	74	83	87	84	87.3
	MIN	55	63	57	58	60	57	59	68	58	59	67	69	65	67	68	67	61	67	68	73	66	64	57	56	58	61	63	56	56	58	61	62.0
MARENGO	MAX	79	86	76	82	87	90	81	97	83	82	88	92	98	88	92	93	89	88	88	87	96	82	79	79	82	85	66	75	82	84	79	85.0
	MIN	60	61	48	62	67	54	62	73	59	59	68	73	61	66	77	65	62	65	68	71	67	61	54	54	60	63	60	55	60	58	62	62.4
OTTAWA	MAX	89	87	87	90	91	86	99	97	88	91	94	94	92	97	98	93	95	90	96	100	98	85	85	88	92	85	76	82	88	92	91	90.8
	MIN	64	70	59	61	68	59	70	80	65	74	70	77	67	72	80	70	64	70	72	80	70	64	58	57	61	68	64	64	60	64	75	67.6
PARK FOREST	MAX	78	88	76	79	87	92	83	99	83	86	88	93	92	90	94	96	91	91	89	94	99	85	79	79	86	89	88	70	84	86	82	87.0
	MIN	61	63	58	61	68	59	62	65	62	62	70	75	66	70	75	69	65	68	69	73	68	67	58	56	60	67	65	59	63	60	64	64.8
PERU 2 W	MAX	89	87	90	91	90	87	96	91	87	91	93	94	93	95	98	98	94	97	97	99	96	85	90	84	96	94	76	85	88	90	88	91.3
	MIN	69	64	68	68	58	60	74	70	56	63	65	64	64	70	68	71	68	69	69	72	62	61	59	56	65	64	60	59	65	65	65	64.9
WAUKEGAN	MAX	71	85	70	77	77	89	79	98	80	74	87	93	90	84	94	92	89	86	88	80	97	81	74	74	79	87	69	70	79	80	78	82.3
	MIN	54	57	49	49	62	55	53	64	63	60	60	69	63	59	61	63	64	65	66	69	68	63	57	55	55	61	61	55	54	61	61	59.9
WHEATON 3 SE	MAX	87	85	82	86	90	90	99	98	84	91		95	93	95	97	95	91	90	90	99	98	80	79	84	88	87	75	84	85	82	85	88.8
	MIN	61	63	50	60	68	56	69	75	66	65		67	63	67	78	67	63	68	70	70	67	71	54	55	58	65	63	56	62	59	75	64.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	91	80	81	89	91	84	97	95	93	92	90	96	90	99	98	91	93	90	95	99	84	82	82	84	90	78	75	82	88	94	90	89.1
	MIN	67	64	63	65	65	62	72	76	65	59	69	72	72	74	78	70	64	66	74	69	68	62	59	63	64	62	61	57	63	68	72	66.6
GOLDEN 1 NW	MAX	97	90	79	91	89	85	93	95	95	95	93	96	92	96	99	96	96	94	101	101	98	85	83	87	93	83	75	85	91	100	95	91.9
	MIN	71	65	63	71	65	66	73	73	75	72	71	74	68	74	75	75	61	73	78	80	69	62	59	59	62	70	65	56	58	65	73	68.4
LA HARPE	MAX	97	89	82	91	93	87	97	99	98	92	90	96	93	100	100	95	96	93	98	100	93	84	86	88	93	91	74	84	91	98	93	92.3
	MIN	69	62	61	70	65	64	74	74	70	69	69	78	70	74	76	72	61	69	71	77	69	61	60	59	60	62	65	56	61	66	71	67.3
MONMOUTH	MAX	93	87	82	91	91	88	98	96	95	93	91	95	91	98	98	92	93	89	94	97	92	81	83	87	91	83	77	85	88	94	91	90.5
	MIN	65	67	60	68	65	62	71	75	66	71	69	75	69	73	75	70	65	68	70	76	68	61	58	59	60	66	62	57	61	66	71	66.7
QUINCY FAA AP	MAX	98	81	90	96	94	92	101	99	99	95	100	99	96	105	105	100	98	99	105	105	92	85	89	91	98	79	71	83	90	104	91	94.5
	MIN	74	65	67	74	70	71	76	80	81	77	77	78	75	81	83	75	69	77	81	79	72	64	62	63	68	71	66	60	65	68	76	72.4
QUINCY DAM 21	MAX	83	98	98	81	92	91	91	97	98	98	93	99	98	95	101	102	94	95	97	102	101	86	83	85	87	94	80	71	83	88	104	92.4
	MIN	58	69	66	68	67	68	67	72	78	77	74	74	71	72	75	76	62	65	70	76	68	63	60	59	59	61	66	59	59	61	66	67.3
RUSHVILLE	MAX	98	96	80	89	91	91	96	99	98	97	93	95	94	96	102	92	94	93	99	98	94	84	85	84	90	89	78	85	90	95	95	92.3
	MIN	71	70	63	71	66	64	72	79	75	70	71	74	69	74	78	77	62	70	75	76	69	63	58	59	62	70	65	60	60	65	71	68.7
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	91	86	84	91	87	85	96	94	91	90	91	93	91	95	98	97	93	98	98	99	98	84	84	86	89	77	75	83	88	91	90	90.1
	MIN	60	69	69	60	65	58	69	78	67	70	65	75	65	70	72	65	65	70	67	71	70	65	65	52	53	60	64	60	59	60	69	65.4
DECATUR	MAX	96	98	84	91	95	91	97	100	98	96	94	99	98	100	100	98	101	96	104	102	93	91	89	91	94	86	73	88	95	97	91	94.4
	MIN	62	73	64	68	66	63	69	79	73	72	66	76	64	72	77	74	58	60	72	73	69	68	55	53	54	62	65	62	61	63	76	66.7
FARMER CITY	MAX	89	83	83	90	89	85	96	96	92	92	91	95	91	96	100	97	96	92	100	100	95	86	85	88	91	83	70	84	89	90	93	90.5
	MIN	60	64	62	68	66	60	70	78	77	72	65	75	68	71	77	74	62	68	71	71	71	67	57	55	61	64	66	60	63	63	75	67.1
HAVANA 4 NNE	MAX	84	98	80	83	91	92	88	97	99	98	94	93	98	96	100	103	98	98	93	103	101	89	87	87	89	95	77	73	87	92	97	92.3
	MIN	60	69	61	63	67	63	68	72	72	72	70	76	70	72	76	76	62	64	71	78	70	66	59	57	56	65	66	57	61	64	69	66.8
LACON 2 E	MAX	91	88	85	90	90	90	97	94	92	90	92	93	92	96	99	94	94	92	96	99	96	83	83	85	91	90	76	85	89	94	92	90.9
	MIN	63	68	57	57	67	58	72	79	64	71	67	77	65	72	80	72	64	69	70	79	69	62	58	55	60	67	64	60	62	62	74	66.6
LINCOLN	MAX	94	93	78	89	91	91	96	99	98	95	91	97	96	96	99	98	95	94	99	99	97	84	84	83	88	87	72	82	89	91	91	91.5
	MIN	65	70	64	71	66	62	74	79	72	76	70	77	70	71	77	77	65	69	71	73	69	67	61	58	60	66	66	62	63	65	76	68.8
MASON CITY 1 NW	MAX	95	94	80	89	91	90	96	98	95	94	91	95	90	97	99	97	95	93	99	98	96	83	83	85	90	85	77	84	89	93	93	91.4
	MIN	67	69	60	71	67	61	71	78	72	73	67	76	69	73	76	76	62	67	73	77	69	66	59	59	60	66	66	60	62	64	73	68.0
MINONK	MAX																																
	MIN																																
NORMAL	MAX	91	89	82	88	90	87	97	96	95	91	92	95	95	97	99	97	94	92	100	100	99	88	83	85	89	88	74	82	88	92	93	91.2
	MIN	66	70	61	67	66	60	72	78	70	72	67	78	67	74	78	77	62	75	75	78	70	66	58	60	66	68	66	58	67	66	75	68.8
PEORIA WSO AP	MAX	91	81	81	89	90	85	96	95	93	92	90	96	91	99	98	96	94	91	97	98	85	83	83	84	91	76	71	83	89	94	92	89.5
	MIN	67	66	62	64	66	63	71	75	69	72	65	78	69	74	78	66	62	70	73	73	70	65	60	61	60	68	64	59	64	66	71	67.5
PRINCEVILLE	MAX	92	85	83	89	90	89	95	95	95	93	91	94	93	98	98	95	94	90	96	100	96	95	84	87	93	82	77	84	89	94	92	91.2
	MIN	62	65	59	58	63	59	69	75	63	74	63	74	65	69	75	69	61	67	69	73	67	59	54	55	56	66	62	56	59	60	69	64.4
* * *																																	
EAST 05																																	
DANVILLE	MAX	88	89	88	90	90	89	96	97	95	92	96	99	93	96	102	100	97	96	101	101	98	86	82	85	86	90	77	82	87	87	90	91.8
	MIN	62	70	63	68	68	61	67	78	70	71	66	75	69	70	77	76	63	67	75	72	69	70	58	54	58	61	66	64	60	62	75	67.3
HOOPESTON 1 NE	MAX	88	89	84	89	88	85	96	95	88	90	94	95	91	94	100	96	92	92	99	100	91	86	84	85	88	90	71	81	87	85	94	89.9
	MIN	60	70	62	65	68	58	66	79	70	69	66	74	67	69	77	76	64	67	73	75	72	67	56	54	58	63	67	62	63	60	74	66.8
KANKAKEE WTR POLL CTR	MAX	81	90	83	84	88	90	89	97	90	85	88	91	92	94	95	98	93	92	96	94	101	87	83	81	85	88	86		84	88	84	89.2
	MIN	64	66	62	58	57	58	60	69	67	65	68	64	63	67	74	71	64	68	72	68	69	66	59	56	58	58	64	60	61	60	64	63.9
PIPER CITY 3 SE	MAX	92	89	85	91	90	89	99	96	89	90	97	96	93	96	102	97	94	92	102	101	97	85	83	86	90	88	75	84	90	87	94	91.6
	MIN	60	69	59	61	66	57	66	79	66	68	67	73	66	70	77	73	63	66	71	74	69	65	56	52	58	61	66	60	61	58	73	65.5
PONTIAC	MAX	91	91	85	88	91	90	97	96	89	91	93	94	94	95	99	96	92	91	97	99	99	85	83	87	91	91	74	82	89	88	91	90.9
	MIN	63	70	62	57	67	59	69	79	67	72	68	77	66	70	79	73	65	70	72	73	70	67	59	57	60	65	67	61	63	66	75	67.4
RANTOUL	MAX	78	90	88	83	89	89	85	98	96	92	92	95	95	91	98	100	92	98	92	93	101	90	86	80	82	86	88	70	82	87	89	89.5
	MIN	59	66	62	64	66	59	65	70	72	72	68	70	67	69	72	76	63	63	72	69	71	67	59	61	65	67	67	60	61	64	65	66.2
URBANA	MAX	91	87	83	88	89	87	95	97	92	91	92	97	91	96	99	97	93	92	100	99	88	86	83	85	87	89	70	82	87	90	92	90.2
	MIN	60	66	63	69	68	60	68	75	71	72	69	74	67	68	78	75	68	67	70	69	70	64	59	58	60	64	66	62	60	63	75	67.0
WATSEKA 2 NW	MAX	81	90	88	86	91	89	84	96	91	88	88	94	93	91	94	99	95	91	90	100	98	90	84	82	85	90	88	72	82	89	85	89.2
	MIN	56	68	60	62	58	57	59	70	66	69	66	71	68	66	73	74	64	67	71	69	70	64	54	50	54	61	67	61	59	58	65	63.8
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	86	106	87	87	95	95	89	98	98	100	95	98	97	96	102	104	100	97	97	104	103	91	85	84	86	93	79	77	85	91	98	93.6
	MIN	62	74	68	70	71	75	74	77	80	78	78	78	75	77	78	80	71	74	76	77	76	69	64	65	65	68	67	61	62	69	72	72.0
CARLINVILLE	MAX	100	99	84	94	93	90	98	99	98	96	96	98	94	99	102	100	95	95	103	101	95	85	85	87	92	87	75	84	91	96	94	93.7
	MIN	68	71	68	71	67	68	71	77	76	72	72	78	70	74	75	75	62	68	75	74	69	66	58	56	58	64	65	60	65	64	76	68.8
GRIGGSVILLE	MAX	98	94	79	92	89	89	95	98	97	96	98	96	90	98	102	96	96	95	103	100	91	86	84	86	92	82	75	82	93	98	92	92.3
	MIN	71	67	67	71	67	70	73	81	79	74	74	81	72	75	79	78	68	71	79	80	71	64	61	61	62	69	65	60	64	67	74	70.8
HILLSBORO	MAX	100	88	84	95	93	91	99	100	101	100	97	99	96	99	104	100	98	96	101	100	98	85	85	87	91	89	79	85	90	98	90	94.1
	MIN	70	68	70	68	70	70	70	80	81	70	75	80	70	72	79	79	70	72	71	78	69	65	61	60	60	62	66	64	65	65	75	70.2
JACKSONVILLE 2 E	MAX	84	100	79	80	90	90	82	97	97	96	91	94	95	89	95	100	93	92	91	98	98	86	82	83	84	89	75	74	84	89	95	89.4
	MIN	52	70	64	63	65	64	64	70	75	71	68	70	69	70	73	73	60	60	68	72	68	64	57	56	56	56	63	58	56	60	60	64.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	85	104	84	84	94	93	87	95	97	97	96	97	99	96	99	101	98	96	95	102	100	80	84	85	85	90	78	75	83	91	97	91.8
	MIN	69	75	68	69	68	68	71	76	76	73	71	75	70	72	70	71	57	65	71	72	70	65	59	55	56	64	66	56	62	60	75	67.6
MORRISONVILLE	MAX	83	98	86	83	92	92	83	94	95	95	93	95	95	89	96	97	95	94	92	100	97	89	85	83	85	89	85	71	84	92	94	90.4
	MIN	62	70	69	65	66	66	71	74	73	70	67	67	68	67	75	72	60	65	70	69	72	67	58	55	56	62	66	63	63	61	63	66.2
PANA	MAX	94	92	78	89	89	85	95	95	95	92	92	95	90	95	99	96	93	92	97	97	91	83	80	81	85	85	72	80	87	89	89	89.4
	MIN	66	74	67	69	69	67	69	75	76	70	72	78	69	72	77	75	66	68	71	72	69	70	62	58	60	64	67	66	65	67	74	69.2
SPRINGFIELD WSO AP	MAX	98	84	82	91	92	90	98	99	99	93	93	96	91	99	100	96	96	94	101	101	84	87	85	86	91	77	74	84	93	96	92	91.7
	MIN	72	71	67	71	69	69	74	78	81	73	73	79	72	77	77	70	64	73	76	80	72	67	61	63	65	66	68	63	68	68	76	71.1
VIRDEN 1 N	MAX	99	98	79	91	92	90	95	96	96	95	94	96	90	99	99	99	96	94	102	100	86	86	85	85	92	79	74	84	92	98	93	92.1
	MIN				71	71	70	70	76	72	70	72	76	75	74	76	74	61	71	72	74	70	64	57	61	60	64	64	63	72	63	75	69.2
WHITE HALL 1 E	MAX	103	100	83	93	93	91	96	98	98	98	98	98	93	100	104	103	98	97	104	103	99	83	85	86	91	91	76	84	91	99	98	94.6
	MIN	72	69	68	70	68	70	71	75	75	75	72	76	72	74	73	75	64	68	74	75	69	66	64	61	61	67	66	57	64	65	76	69.4
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	89	91	84	89	91	87	94	97	94	94	95	99	94	94	101	95	94	92	97	98	92	87	81	83	87	89	75	83	88	89	90	90.7
	MIN	62	72	67	66	69	65	68	76	74	75	70	68	67	70	74	76	63	63	69	71	68	67	59	55	59	61	65	64	62	64	73	67.2
CHARLESTON	MAX	89	89	85	89	90	90	95	96	96	93	93	97	95	93	101	98	97	95	97	100	94	85	84	85	85	89	85	82	87	87	87	91.2
	MIN	64	74	64	69	68	64	70	77	76	75	70	78	68	72	77	77	66	67	74	74	71	68	59	61	60	65	67	64	63	66	76	69.2
EFFINGHAM 3 W	MAX	81	92	89	80	90	90	85	94	95	94	91	92	95	90	94	98	95	93	91	98	97	84	83	80	82	86	89	73	81	87	90	89.0
	MIN	59	67	70	67	68	67	68	71	73	75	70	72	69	70	73	73	65	63	66	70	72	68	59	55	57	59	63	64	61	63	67	66.6
FLORA 5 NW	MAX	93	95	81	95	94	89	97	98	99	94	95	100	99	96	104	100	95	94	100	100	94	87	84	85	92	93	79	89	93	94	104	93.9
	MIN	64	74	70	72	72	68	67	76	76	74	70	78	71	69	78	78	63	62	68	73	73	68	61	54	56	62	67	66	62	62	78	68.8
MATTOON	MAX	92	89	80	89	90	86	96	96	96	93	91	97	91	95	101	98	96	95	100	99	86	85	83	86	89	90	72	82	89	91	90	90.7
	MIN	63	58	64	68	69	64	65	76	76	73	69	76	67	72	76	76	66	67	71	71	68	66	60	58	60	65	66	62	61	64	74	67.5
MOWEAQUA	MAX	94	92	78	89	90	86	95	96	94	91	91	95	90	95	97	95	93	91	98	98	92	84	82	84	88	88	74	83	89	92	87	90.0
	MIN	65	75	63	74	70	64	69	76	76	72	71	76	69	72	76	73	62	66	69	73	71	70	60	59	59	64	68	63	62	66	76	68.7
NEWTON 6 SSE	MAX	81	90	91	84	91	91	86	92	97	95	92	94	98	89	93	102	96	92	92	97	97	92	86	81	84	87	90	78	83	90	92	90.4
	MIN	62	67	71	67	68	68	69	71	76	76	70	71	70	69	72	75	63	63	68	68	73	67	60	57	59	60	65	66	61	64	67	67.2
OLNEY 2 S	MAX	91	95	84	92	93	90	94	97	95	93	95	98	96	93	99	95	94	93	95	97	92	87	83	85	88	91	85	83	90	91	99	92.0
	MIN	64	76	71	70	72	69	69	77	75	75	74	77	73	69	74	74	65	63	68	70	72	70	64	56	60	61	68	67	60	63	74	69.0
PALESTINE	MAX	89	92	83	90	92	85	94	96	95	93	92	97	89	94	101	96	95	94	97	97	90	85	83	85	87	90	77	83	89	90	97	90.9
	MIN	64	75	72	69	71	70	69	78	77	75	71	76	72	72	77	77	67	68	71	75	70	70	63	59	63	64	70	68	64	68	76	70.4
PARIS WATERWORKS	MAX	88	91	85	89	91	88	95	99	94	93	92	98	92	95	104	98	94	93	99	100	91	84	81	84	87	90	77	81	87	88	90	90.9
	MIN	62	70	64	67	67	61	66	75	74	74	67	73	65	69	75	76	66	67	73	74	69	66	59	58	61	64	65	64	63	64	76	67.5
SALEM	MAX	98	96	83	94	94	91	97	99	99	97	97	100	96	98	104	102	98	97	102	100	96	87	87	88	91	95	79	84	93	97	100	94.8
	MIN	66	76	68	72	72	69	68	75	73	72	73	77	73	72	76	74	65	65	69	72	69	67	62	58	59	64	67	66	62	64	78	69.1
TUSCOLA	MAX	90	92	88	88	91	92	97	101	97	95	95	99	95	95	101	99	97	95	100	101	100	87	85	84	88	91	71	84	89	88	89	92.4
	MIN	62	73	65	69	69	62	69	76	73	75	67	75	68	68	77	74	63	68	69	68	70	69	59	59	60	62	61	57	60	63	73	67.2
VANDALIA 3 ENE	MAX										99	95	96	99	92	99	103	99	96	98	104	101	87	89	83	87	93	85	78	86	94	98	93.7
	MIN										73	72	74	71	73	76	75	64	65	69	72	71	69	62	58	59	62	67	66	63	63	67	67.8
WINDSOR	MAX	94	90	80	91	90	90	95	96	96	94	92	96	93	96	102	98	96	94	101	100	98	84	83	85	89	90	80	92	89	91	88	92.0
	MIN	63	74	65	68	69	64	69	76	77	71	70	78	68	72	76	76	65	70	71	74	68	68	59	57	63	65	67	62	63	63	74	68.5
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	94	100	84	94	98	97	99	99	97	95	100	102	97	98	104	103	96	97	100	96	93	89	86	87	92	95	83	86	95	94	103	95.3
	MIN	67	67	67	71	76	74	71	75	73	78	77	77	77	71	73	80	73	64	68	70	70	68	64	68	61	62	67	62	62	67	75	70.2
BELLEVILLE SO ILL UNIV	MAX	104	98	86	94	95	93	98	98	99	93	100	102	100	99	104	105	102	96	102	99	98	86	85	87	90	91	81	84	93	98	102	95.7
	MIN	63	76	69	71	73	68	69	73	71	74	73	74	70	70	73	70	72	61	69	67	70	68	63	56	55	59	58	61	60	59	73	67.4
CAHOKIA	MAX	89	105	87	99	98	98	101	100	102	101	98	97	96	98	102	106	105	101	100	100	105	95	95	83	87	90	90	93	85	92	97	96.6
	MIN	72	71	71	76	77	82	78	70	75	75	76	78	77	75	74	74	65	78	76	78	65	68	66	59	65	68	70	59	62	65	65	71.3
CAIRO WSO CI	MAX	97	101	82	97	99	96	99	103	101	100	102	104	97	99	104	103	97	98	101	95	91	88	87	88	91	94	83	84	95	96	98	95.8
	MIN	72	75	74	76	78	80	78	80	81	82	81	80	80	78	82	82	78	74	74	80	73	73	70	67	69	72	71	67	69	73	77	75.7
CARBONDALE SEWAGE PL	MAX	86	95	98	86	93	98	96	98	99	98	94	99	100	96	98	102	100	96	95	99	103	92	89	85	86	90	93	81	85	94	94	94.1
	MIN	65	73	65	69	76	75	72	77	74	77	75	77	71	71	75	76	70	62	65	70	73	68	60	55	56	60	66	61	61	62	66	68.5
CARLYLE RESERVOIR	MAX	84	98	93	80	95	94	89	97	98	98	94	98	100	90	99	104	100	94	96	102	99	92	87	84	85	90	93	80	86	95	98	93.3
	MIN	66	72	69	69	73	73	71	75	75	74	74	80	74	73	77	76	66	70	71	73	76	68	62	59	63	68	68	65	65	67	72	70.5
DU QUOIN 4 SE	MAX	95	96	83	93	95	93	97	99	98	93	98	102	93	96	103	100	95	95	100	95	92	87	83	86	91	96	95	83	94	95	106	94.4
	MIN	67	70	70	71	77	74	72	76	76	75	75	78	73	73	76	75	65	63	68	72	69	71	61	58	57	61	69	66	63	63	77	69.7
KASKASKIA R NAV LOCK	MAX	88	100	96	86	98	97	98	100	102	102	102	101	105	96	100	108	104	99	98	99	100	93	87	85	87	92	94	80	85	97	95	95.9
	MIN	65	72	69	71	76	75	76	77	76	76	80	78	72	72	77	79	71	72	71	73	76	71	65	58	64	62	68	63	61	60	67	70.7
MARION 4 NNE	MAX	85	95	97	94	96	99	94	98	100	96	96	102	101	95	99	103	100	94	95	99	97	92	88	85	85	90	92	81	85	92	95	94.2
	MIN	59	67	67	70	76	76	72	74	73	76	75	76	74	71	73	75	74	64	67	73	73	69	64	59	60	62	64	63	61	64	70	69.1
NASHVILLE 4 NE	MAX	99	96	81	94	95	90	98	99	101	98	99	102	101	99	106	103	100	96	101	101	96	86	85	86	93	95	81	85	94	97	104	95.5
	MIN	68	78	70	73	75	75	72	77	75	75	77	79	74	74	77	76	70	70	72	74	72	69	63	61	62	68	70	66	64	69	77	71.7
SPARTA	MAX	100	97	88	98	97	95	100	101	101	97	100	104	97	100	105	103	97	96	100	100	92	87	87	88	93	94	83	86	95	98	108	96.4
	MIN	69	72	69	73	77	76	74	76	75	74	78	78	74	74	78	77	68	69	73	77	75	69	63	58	60	65	70	63	67	66	77	71.4
WATERLOO	MAX	87	104	93	88	97	95	94	99	100	100	95	100	102	96	100	105	105	96	97	101	100	93	86	84	87	92	87	78	84	94	99	94.8
	MIN	70	75	69	69	75	75	74	78	76	75	76	76	73	76	75	79	68	72	75	75	74	67	63	56	62	64	65	60	62	65	72	70.7
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	94	97	96	95	96	95	97	98	99	97	94	99	97	97	102	102	97	95	100	105	99	93	88	85	90	95	91	83	92	95	104	95.7
	MIN	64	79	69	78	79	72	69	79	77	74	76	83	74	72	78	77	71	70			76	69	65	63	64			66	65			72.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BROOKPORT DAM 52	MAX	95	98	82	93	96	94	98	100	98	97	100	102	99	98	103	103	101	97	101	98	96	89	87	90	94	96	88	84	93	96	101	95.7
	MIN	67	67	68	72	75	74	71	78	74	80	75	77	73	71	73	77	77	63	65	74	74	72	62	57	58	61	67	62	60	65	70	69.6
DIXON SPRINGS AGR C	MAX	93	98	98	93	95	95	95	96	96	96	97	99	98	96	100	100	99	93	98	97	94	92	85	84	89	92	90	83	90	94	99	94.3
	MIN	66	78	68	71	75	75	71	76	75	78	75	76	74	72	75	76	75	63	67	74	74	70	63	59	58	59	68	63	60	65	73	70.1
FAIRFIELD RADIO WFIW	MAX	93	95	88	94	94	93	93	98	98	96	94	99	98	93	102	99	98	92	97	97	94	86	85	85	89	92	88	84	91	91	101	93.5
	MIN	65	75	71	72	66	69	67	79	78	79	73	78	74	70	76	76	69	63	64	70	67	70	64	58	59	61	69	66	61	64	77	69.4
HARRISBURG	MAX	97	100	84	96	98	95	99	100	100	97	101	103	99	100	105	104	99	97	102	100	96	88	86	86	91	96	85	85	95	97	102	96.2
	MIN	65	69	70	72	77	74	71	80	77	79	75	80	76	70	77	81	73	64	68	74	75	71	65	59	60	63	70	65	60	65	78	71.1
MC LEANSBORO 2 ENE	MAX	85	93	98	80	93	94	93	95	97	96	92	97	97	97	95	100	99	91	92	97	95	91	86	84	84	88	92	81	84	90	91	91.8
	MIN	57	69	69	69	70	73	75	73	74	79	75	78	74	71	75	74	67	63	70	73	74	69	63	57	59	63	68	65	62	64	67	69.0
MT CARMEL	MAX	82	91	97	82	92	95	90	94	97	97	94	94	99	90	94	101	100	95	94	99	96	92	87	85	85	88	90	82	83	90	92	91.8
	MIN	60	65	71	70	69	71	71	71	77	77	74	75	75	74	74	78	73	69	69	73	77	68	65	62	62	62	66	67	64	65	69	69.8
MT VERNON 3 NE	MAX																																
	MIN																																
REND LAKE DAM	MAX																																
	MIN																																
ROSICLARE	MAX	92	95	91	90	92	91	93	95	95	90	95	95	92	94	97	97	93	92	97	93	90	85	82	83	86	90	82	82	86	91	96	91.0
	MIN	65	78	66	70	75	75	70	76	75	79	75	77	74	68	74	74	75	64	66	73	72	71	63	58	60	63	70	63	61	65	70	69.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

ILLINOIS

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
NORTHWEST 01														
ALEDO	6	9	62	347	781	1016	1277	1254	923	456		14		6155
DIXON 2 W	12	34	144	469	824	1096	1348	1365	1045	548	170	44	7099	6372
FREEPORT WASTE WTR PLT	12	29	105	464	815	1103	1357	1345	1074	507	181	43	7035	
FULTON DAM 13	2	19	85	394	793	1054	1304	1351	1053	495	142	25	6717	6395
GALVA	9	18	69	396	793	1068	1295	1322	1033	509	139	24	6675	6157
GENESEO	7	13	67	377	786	1013	1275	1286	962	468	121	20	6395	
HENNEPIN POWER PLANT	2	22	91	368	771	1033	1268	1262	1004	503	152	33	6509	
KEWANEE 1 E	13	21	106	417	803	1091	1296	1358	975	513	156	41	6790	6180
MOLINE WSO AP	5	22	95	415	831	1027	1280	1324	966	481	129	27	6602	6395
MORRISON		27	115	436	815	1096	1326	1339	1039	532	167	43		6328
MOUNT CARROLL	21	41	149	500	856	1144	1391	1406	1096	566	230	71	7471	6641
PAW PAW	14	32	118	472	849	1117	1349	1388	1083	575	197	58	7252	
ROCHELLE	17	49			889	1123	1344	1360	1078	573	186	79		
ROCKFORD WSO AP	9	26	120	450	866	1110	1411	1380	1073	556	184	63	7248	6845
STOCKTON 1 N	22	48	145	496	868	1152	1407	1390	1133	567	206	63	7497	
TISKILWA 2 SE	9	14	72	352	766	984	1260	1258	920	476		27		
WALNUT	7	12	72	351	755	1016	1288	1295	961	478	124	25	6384	6229
* * *														
NORTHEAST 02														
ANTIOCH 2 NW	24	36	111	484	831	1099	1370	1331	1121	601	240	106	7354	6773
AURORA	10	23									162	51		6551
BARRINGTON	23	33	97	463	805	1084	1336	1318	1050	580	215	75	7079	
CHICAGO O'HARE WSO AP	16	19	62	382	722	967	1281	1254	995	558	198	83	6537	6497
CHICAGO UNIVERSITY	7	1	34	325	666	915	1201	1084	907	503	178	43	5864	6068
CHICAGO MIDWAY AP	2	13	61	367	726	951	1274	1268	929			55		6127
DE KALB	9	21	68	380	764	1024	1322	1300	990	512	141	42	6573	6715
ELGIN	15	34	123	491	868	1105	1368	1335	1078	587	205	77	7286	
GEBHARD WOODS ST PARK	12	22	95	465	781	1073	1326	1310	964	492	162	39	6741	
JOLIET BRANDON RD DAM	5	16	86	411	760	1029	1305	1287	1019	553	163	55	6689	
MARENGO	9	29	88	434	786		1374	1363	1096	591	206	73		6833
OTTAWA	3	7	52	303	678	937	1223	1195	886	436	83	12	5805	5877
PARK FOREST	17	22	73	419	785	1041	1278	1255	1004	566	179	58	6697	
PERU 2 W	5	9	77	327	687	947	1263	1264	910	451	97	34	6071	6074
WAUKEGAN	42	36	113	483	806	1083	1352	1318	1111	642	284	116	7386	6656
WHEATON 3 SE	12	19	71	399	746	1012	1292	1213	968	519	168	43	6462	
* * *														
WEST 03														
GALESBURG	2	22	70	385	792	1000	1262	1267	946	502	138	26	6412	
GOLDEN 1 NW	1	8	47	273	681	939	1156	1199	853	399	79	14	5649	
LA HARPE	1	6	52	312	748	965	1205	1226	867	428	88	11	5909	5804
MONMOUTH	7	12	66	327	750	975	1220	1226	891	434	106	17	6031	6005
QUINCY FAA AP	0	11	41	291	696	924	1153	1186	831	374	80	4	5591	
QUINCY DAM 21	0	8	66	344	738	980	1150	1241	927	437	113	7	6011	
RUSHVILLE	0	7	52	304	711	930	1165	1204	858	416	95	9	5751	5594
* * *														
CENTRAL 04														
CHENOA	7	17	68	363	749	964	1229	1257	926	485	116	20	6201	
DECATUR	0	5	52	327	697	887	1158	1207	860	409	80	14	5696	5344
FARMER CITY	5	15	55	344	716	918	1196		908	465	95	19		
HAVANA 4 NNE	1	12	73	348	741	944		1263	921	470	116	18		
LACON 2 E	6	7	57	352	724	948	1230	1226	903	456	79	19	6007	
LINCOLN	0	6	53	302	697	901	1155	1182	860	413	83	14	5666	5561
MASON CITY 1 NW	1	9	53	326	721	928	1170	1234	863	424	94	19	5842	
MINONK	10	16	42	366	777	973	1331	1314	954					6089
NORMAL	5	9	50	320	701	907	1196	1212	871	457	94	16	5838	
PEORIA WSO AP	3	19	70	401	804	1022	1279	1300	907	474	123	26	6428	6098
PRINCEVILLE	16	21	102	341	740	982	1259	1259	895	456	110	18	6199	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

ILLINOIS

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
EAST 05														
DANVILLE	3	7	50	315	690	902	1146	1196	873	449	87	26	5744	5538
HOOPESTON 1 NE	6	13	77	356	724	949	1212	1248	916	476	100	32	6109	5779
KANKAKEE WTR POLL CTR	6	19	63	375	768	1067	1256	1274	984	535	151	48	6546	
PIPER CITY 3 SE	9	17	79	347	737	962	1231	1273	922	477	106	24	6184	5961
PONTIAC	6	12	53	336	720	951	1234	1251	920	468	89	21	6061	5835
RANTOUL	7	21	97	343	750	983	1231	1315	1003	511	120	29	6410	
URBANA	2	12	55	342	719	924	1180	1214	898	454	94	22	5916	5631
WATSEKA 2 NW	11	28	110	435	775	1011	1246	1308	1002	567	144	64	6701	
* * *														
WEST SOUTHWEST 06														
ALTON DAM 26	0	1	34	293	642	926	1085	1137	818	359	77	1	5373	
CARLINVILLE	0	5	52	283	672	859	1110	1148	825	377	76	10	5417	5147
GRIGGSVILLE	0	7	49	276	675	924	1155	1179	839	390	75	7	5576	5332
HILLSBORO	0	6		292	683	833	1174	1190	807	345	64	3		5021
JACKSONVILLE 2 E	3	20	92	358	751	968	1158	1261	949	456	149	24	6189	5300
JERSEYVILLE 2 SW	2	6	84	341	715	929	1090	1211	874	415	133	10	5810	
MORRISONVILLE					703	940	1137	1266	908	448	128	13		5259
PANA	1	10	56	306	672	878	1125	1173	845	398	81	15	5560	5219
SPRINGFIELD WSO AP	0	9	50	323	684	898	1146	1249	857	421	95	8	5740	5558
VIRDEN 1 N	2	0	61	290	665	860	1097	1179	827	375	75	11	5442	
WHITE HALL 1 E	0	2	44	299	662	860	1127	1136	823	375	65	4	5397	5102
* * *														
EAST SOUTHEAST 07														
CASEY														
CHARLESTON	0	8	43	297	674	870	1126	1174	839	407	89	15	5542	5303
EFFINGHAM 3 W	2	11	101	370	732	933	1120	1257	901	450	129	30	6036	5197
FLORA 5 NW	0	8	67	289	653	855	1054	1151	791	392	82	20	5362	4781
MATTOON	0	9	55	344	694	942	1153	1203	874	448	82	14	5818	
MOWEAQUA	0	7	52	314	712	865	1115	1197	843	402	69	14	5590	
NEWTON 6 SSE	2	9	72	340	683	915	1098	1231	872	432	95	18	5767	
OLNEY 2 S	0	3	38	258	630	844	1062	1138	793	377	69	12	5224	4694
PALESTINE	0	4	51	282	638	859	1064	1144	799	380	76	13	5310	4910
PARIS WATERWORKS	1	9	59	337	694	917	1155	1230	892	447	95	22	5858	5318
SALEM	0	1	32	239	624	837	1041	1109	770	349	64	6	5072	
TUSCOLA	0	7	47	287		900	1144	1203	844	409	68	18		
VANDALIA 3 SW	0	0	56											
WINDSOR	2	11	44	281	675	869	1122	1174	836	391	74	12	5491	5331
* * *														
SOUTHWEST 08														
ANNA 1 E	0	0	34	212	579	807	946	981	707	298	50	2	4616	4305
BELLEVILLE SO ILL UNIV	0	4	53	243	620	844	1015	1052	742	349	88	6	5016	
CAHOKIA	0	2	37	248	622	847	1041	1101						
CAIRO WSO CI	0	0	4	134	495	727	856	898	616	217	28	0	3975	3833
CARBONDALE SEWAGE PL	0	9	77	315	669	909	1001	1080	776	337	90	9	5272	4322
CARLYLE RESERVOIR	0	2	53	277	628	916	1063	1154	807	371	82	3	5356	4844
DU QUOIN 4 SE	0	3	44	271	664	854	1021	1084	755	354	77	6	5133	4408
KASKASKIA R NAV LOCK	0	0	55	246	620	880	1016	1084	810	357	81	5	5154	
MARION 4 NNE	0	5	52	303	633	883	997	1083	789	353	91	10	5199	
NASHVILLE 4 NE	0	6	33	227	600	843	1016	1088	749	342	64	2	4970	
SPARTA	0	1	31	206	593	814	1006	1023	709	318	59	1	4761	4388
WATERLOO	0	4	40	271	612	867	1032	1082	802	338	79	2	5129	
* * *														
SOUTHEAST 09														
ALBION			18	213	584	834	1001	1074	733	304	42	2		
BROOKPORT DAM 52	0	0	27	196	555	787	898	944	687	291	65	2	4452	
DIXON SPRINGS AGR C	0	0	30	206	553	796	924	966	669	273	69	3	4489	
FAIRFIELD RADIO WFIW	0	3	42	237	608	847	1033	1105	763	358	67	9	5072	4606
HARRISBURG	0	1	28	214	566	776	942	1004	680	295	52	1	4559	4191
MC LEANSBORO 2 ENE	0	11	48	291	612	878	1010	1116	794	359	86	11	5216	4385

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

ILLINOIS

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MT CARMEL	0	3	38	294	620	878	1015	1110	803	394	87	10	5252	
MT VERNON 3 NE		4		272	625	881		1115	787	372	104	8		4642
REND LAKE DAM	0	2	34	273	574	894	1010	1084	789	334	60	6	5060	
ROSICLARE	0	2	10	208	581	801	967	972	694	326	77	5	4673	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
JULY 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	80	80	81	81	80	83	86	85	87	86	86	86	87	88	88	89	89	89	85	87	91	90	83	83	86	85	84	84	80	80	83	84.9
		MIN	71	71	74	73	72	74	76	73	73	78	79	77	78	78	79	79	79	77	78	80	81	78	76	75	74	73	73	73	70	71	73	75.4
	8	MAX	77	76	77	77	77	78	80	80	81	81	82	81	82	83	83	84	84	83	81	83	84	84	80	79	80	80	80	80	76	78	79	80.3
		MIN	75	74	75	75	75	76	77	77	77	80	80	79	79	79	80	80	80	80	80	80	80	79	78	77	76	77	76	75	75	75	76	77.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.32	.28	.22	.51	.35	.33	-	.34	-	.14	.21	.17	.31	.32	.31	.21	.21	.04	.21	.28	.42	.13	.26	.25	.24	.26	.20	.07	.27	.29	.26	7.928
	WIND	7	22	24	18	30	50	29	61	30	11	17	18	34	17	38	28	40	25	28	33	49	24	31	12	14	27	16	11	20	27	45	836
	MAX	93	96	93	94	101	100	87	102	97	92	102	99	-	94	100	104	96	96	92	103	101	88	93		94	97	81	79	91	98	99	95.2
	MIN	67	67	61	59	67	66	62	72	65	65	75	75	-	76	73	65	65	64	66	74	67	62	65	-	66	67	67	63	64	63	64	66.6
EAST 05																																	
URBANA	EVAP	.22	.17	.18	-	-	.21	.27	.14	.31	.20	.23	.16	.24	.24	.25	.32	.27	.29	.18	.21	.30	.13	.35	.27	.23	.22	.14	.04	.18	.20	.16	6.758
	WIND	17	32	25	*	54	23	12	65	32	25	17	15	25	25	38	47	34	13	21	28	75	30	27	18	17	25	23	21	29	47	24	884
	MAX	91	92	89	-	98	98	99	97	99	92	97	95	97	100	99	99	97	97	89	100	96	88	92	88	92	92	89	77	87	93	92	93.7
	MIN	55	62	61	-	61	65	65	68	70	70	69	72	71	69	69	70	63	63	68	69	68	67	61	62	58	60	64	62	61	63	67	65.1
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.27	.12	.07	.17	.36	.17	.04	.96	.28	.60	.19	.39	.35	.38	.50	.45	.38	.32	.41	.42	.36	.19	.19	.30	.22	.15	.00	.13	.35	.30	.21	9.23
	WIND	109	75	37	45	78	67	105	106	79	69	24	93	61	96	114	98	28	75	91	135	69	79	7	49	29	38	37	44	73	96	97	2203
	MAX	95	84	84	96	95	93	100	100	97	98	96	98	94	98	97	95	98	100	101	101	91	90	92	85	97	92	73	90	95	93	90	93.8
	MIN	65	73	66	71	70	67	70	75	76	75	76	78	74	74	70	74	66	68	71	69	70	68	60	61	61	67	67	65	65	67	72	69.4
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.24	.28	.26	.13	.27	.32	.23	.30	.38	.38	.19	.34	.34	.34	.38	.43	.35	.40	.41	.42	.41	.18	.34	.34	.35	.37	.26	.15	.27	.34	.40	9.80
	WIND	41	62	65	56	50	36	41	57	45	59	34	41	62	46	73	66	51	47	74	60	79	51	68	55	44	45	42	57	46	49	87	1689
	MAX	94	97	96	83	99	99	93	100	103	99	94	102	99	99	101	100	98	97	94	99	97	86	90	88	91	95	94	80	93	95	95	95.2
	MIN	62	66	68	68	72	73	73	72	75	73	72	78	73	73	74	73	70	68	67	70	71	68	64	63	64	65	67	66	65	69	70	69.4

STATION INDEX

ILLINOIS
JULY 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WIL8UR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUM8ERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	8OND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRIS8URG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRIS8URG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLS8ORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-RO8ERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PU8 SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O 8 PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTDON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORD 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSD AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L 8ROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DDROTHY A BULLARD
MT CARMEL	5888	09	WA8ASH		38 24	87 45	420	7A	6A		C	MT CARMEL PU8LIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT DLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	8ROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	RO8ERT G MOORHDUS
MOWEAQUA	5950	07	SHEL8Y		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYS8ORD 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE COHLMEYER
NEW 8OSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DEL8ERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	8B 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION CDMPANY
OTTAWA	6526	02	LA SALLE		41 21	8B 51	480	5P	5P		H	RO8ERT J LITTLE
PALESTINE	6558	07	CRAWFDRD		39 00	87 37	515	7P	7P			HDRACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	CDOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (808) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

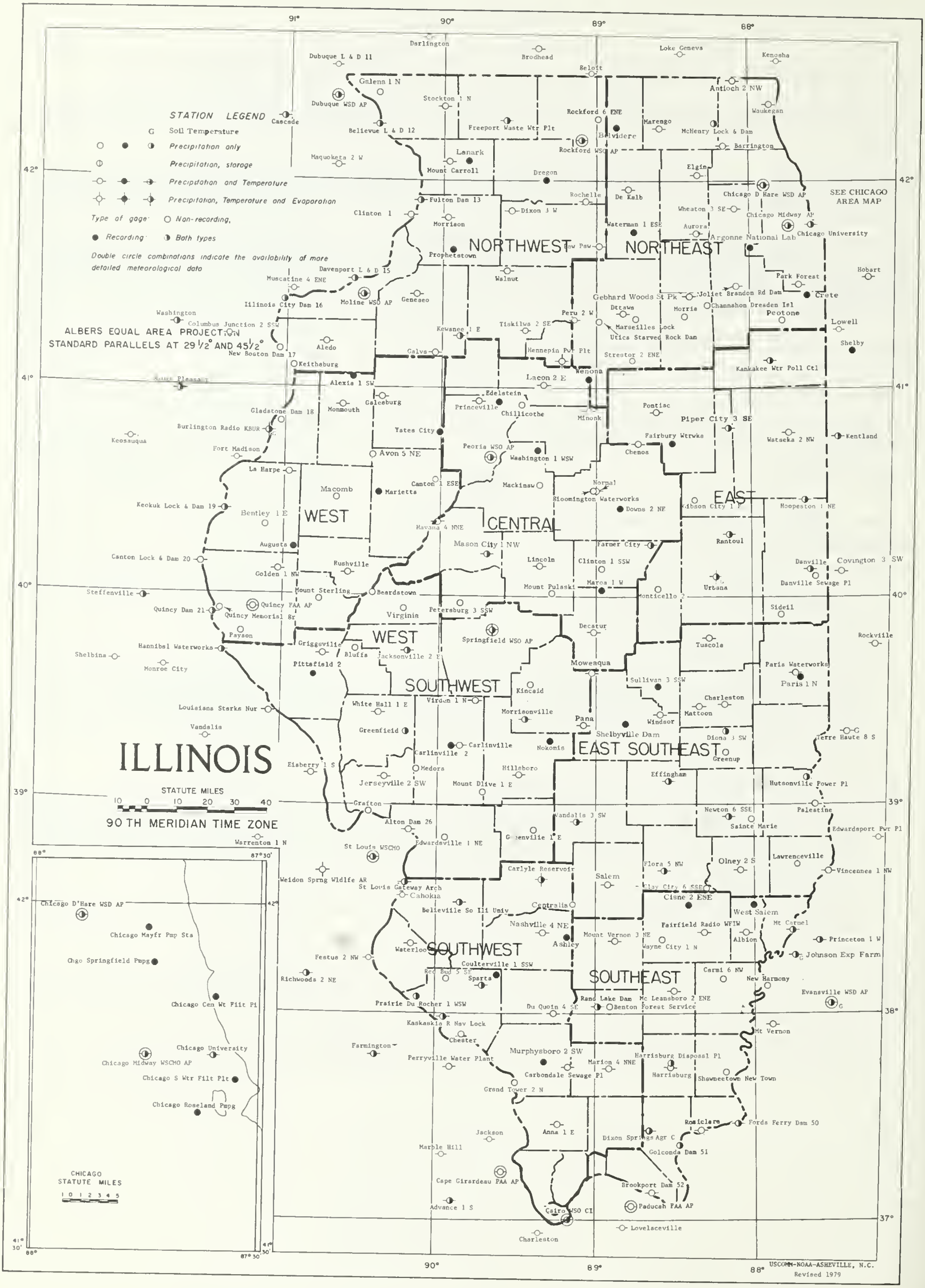
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Marengo
Freeport Waste Wtr Plt
Belvidere
McHenry Lock & Dam
Bellevue L & D 12
Barrington
Rockford WSO AP
Maquoketa 2 W
Lanark
Elgin
Mount Carroll
Dregon
Chicago O Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Wheaton 3 SE
Chicago Midway AP
Clinton 1
Dixon 3 W
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Davenport L & D 15
Walnut
Hobart
Park Forest
Muscatine 4 ENE
Joliet Brandon Rd Dam
Crete
Gebhard Woods St Pk
Illinois City Dam 16
Moline WSO AP
Geneseo
Channahon Dresden Isl
Ottawa
Morris
Peotone
Washington
Peru 2 W
Columbus Junction 2 SSW
Tiskilwa 2 SE
Marseilles Lock
Lowell
Kewanee 1 E
Aledo
Utica Starved Rock Dam
Shelby
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville
Monmouth
Chillicothe
Pontiac
Gladstone Dam 18
Minonk
Piper City 3 SE
Burlington Radio KBUR
Yates City
Fairbury Wtrwks
Keosauqua
Kentland
Watseka 2 NW
Fort Madison
Peoria WSO AP
Washington 1 WSW
Chenoa
Avon 5 NE
La Harpe
Canton 1 ESE
Mackinaw
Normal
Macomb
Marietta
Bloomington Waterworks
Keokuk Lock & Dam 19
Downs 2 NE
Gibson City 1 E
Hoopeston 1 NE
Bentley 1 E
Havana 4 NNE
Mason City 1 NW
Farmer City
Rantoul
Augusta
Lincoln
Clinton 1 SSW
Canton Lock & Dam 20
Danville
Covington 3 SW
Rushville
Urbana
Golden 1 NW
Danville Sewage Pl
Mount Pulaski
Maroa 1 W
Mount Sterling
Beardstown
Monticello 2
Steffenville
Quincy FAA AP
Sidell
Virginia
Quincy Dam 21
Petersburg 3 SSW
Quincy Memorial Br
Decatur
Rockville
Payson
Springfield WSO AP
Tuscola
Griggsville
Bluffs
Hannibal Waterworks
Jacksonville 2 E
Moweaqua
Paris Waterworks
Shelbina
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
Louisiana Starks Nur
White Hall 1 E
Virden 1 N
Mattoon
Morrisonville
Windsor
Pana
Vandalia
Greenfield
Shelbyville Dam
Diona 3 SW
Terre Haute 8 S
Carlinville
Carlinville 2
Nokomis
Greenup
Eisberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Carlyle Reservoir
Salem
Flora 5 NW
Vincennes 1 NW
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
Belleville So Ill Univ
Centralia
West Salem
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Ashley
Mount Vernon 3 NE
Albion
Waterloo
Wayne City 1 N
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Red Bud 5 SE
Sparta
Carmi 6 NW
Richwoods 2 NE
New Harmony
Evansville WSO AP
Prairie Du Rocher 1 WSW
Rend Lake Dam
Mc Leansboro 2 ENE
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Harrisburg
Carbondale Sewage Pl
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam 50
Jackson
Anna 1 E
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Cairo WSO CI
Paducah FAA AP
Lovelaceville
Charleston
88°
87° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS
BULK RATE

AUGUST 1980 VOLUME 85 NUMBER 8

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	KASKASKIA R NAV LOCK	106	DATE 01
LOWEST TEMPERATURE:	2 STATIONS	50	DATE 23
GREATEST TOTAL PRECIPITATION:	GLADSTONE DAM 18	11.35	
LEAST TOTAL PRECIPITATION:	ANNA 1 E	.52	
GREATEST 1 DAY PRECIPITATION:	STREATOR 2 ENE	4.10	DATE 31

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	45	S	13	-	-	-	-	0	3	1	3	0	0	7	81	-
CHICAGO O HARE WSO AP	17	2.7	7.5	28++	23	04	82	85	62	65	4	5	5	3	3	0	20	53	6.5
MOLINE WSO AP	16	3.5	8.0	34	NW	09	83	88	65	69	3	2	9	2	2	1	19	57	5.1
PEORIA WSO AP	16	3.4	7.7	33	W	14	85	89	66	69	3	5	5	3	2	0	18	59	5.3
ROCKFORD WSO AP	15	2.8	8.0	32++	25	04	84	86	62	66	3	4	7	2	2	0	18	-	6.1
SPRINGFIELD WSO AP	19	4.3	8.3	23++	32	10+	87	93	65	67	4	5	4	2	1	0	16	73	5.2

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW										
* * *																								
NORTHWEST 01																								
ALEDO	87.2	65.5	76.4	3.1	94	8	59	23+	0	357	10	0	0	0	10.73	7.99	2.84	14	.0	0		9	6	4
DIXON 2 W	83.7	61.6	72.7	- .1	91	21	52	23	4	247	6	0	0	0	6.72	3.34	1.80	17	.0	0		11	5	2
FREEPORT WASTE WTR PLT	83.4	62.2	72.8		93	21	54	23	4	253	5	0	0	0	8.21		1.25	17	.0	0		12	8	3
FULTON DAM 13	84.3	65.7	75.0	2.1	92	21+	60	24+	2	316	6	0	0	0	9.01	5.21	2.24	17	.0	0		14	6	2
GALVA	86.2	64.8	75.5	2.6	95	9	58	17+	4	339	10	0	0	0	10.46	7.28	2.48	15	.0	0		12	6	5
GENESEO	86.0	66.3	76.2		94	20+	59	23+	3	356	9	0	0	0	8.48	4.93	2.30	16	.0	0		13	7	2
HENNEPIN POWER PLANT	87.3	64.3	75.8		97	5	56	23	2	344	12	0	0	0	7.82		1.90	31	.0	0		9	7	2
KEWANEE 1 E	84.9	64.0	74.5	1.4	93	9	53	23	3	302	9	0	0	0	9.73	6.75	2.10	30	.0	0		12	8	4
MOLINE WSO AP R	85.8	65.7	75.8	2.9	93	20+	55	23	1	343	9	0	0	0	9.09	5.72	2.80	16	.0	0		14	5	3
MORRISON	84.2	63.1	73.7	1.0	91	21+	55	24+	3	279	6	0	0	0	10.37	6.65	2.25	10	.0	0		12	7	3
MOUNT CARROLL	83.4	60.4	71.9	.5	91	21	50	23	5	227	4	0	0	0	6.48	3.06	1.54	17	.0	0		10	4	2
PAW PAW	82.0	62.3	72.2		90	21	52	23	4	235	1	0	0	0	8.58	5.29	1.97	17	.0	0		10	7	2
ROCHELLE	83.5	61.5	72.5		91	21	54	25+	5	246	3	0	0	0	8.54		2.30	17	.0	0		10	7	3
ROCKFORD WSO AP //R	83.1	64.2	73.7	2.2	93	20	54	23	3	278	3	0	0	0	5.41	1.75	1.06	16	.0	0		11	4	2
STOCKTON 1 N	81.7	62.0	71.9		90	21	50	23	6	226	1	0	0	0	8.76		2.46	21	.0	0		14	6	3
TISKILWA 2 SE	86.6M	64.5M	75.6M		95	4	56	23+	1	341	10	0	0	0	7.55	4.38	2.00	31	.0	0		11	5	3
WALNUT																								
DIVISION			74.1	1.7											8.50	5.15			.0					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	80.2	62.0	71.1	.0	89	21	54	23	6	204	0	0	0	0	5.33	2.32	.85	5	.0	0		12	4	0
AURORA	83.5	63.4	73.5	1.9	92	20	55	23	3	272	7	0	0	0	7.86	4.90	1.51	10	.0	0		12	7	4
BARRINGTON	82.0	62.6	72.3		92	21	52	23	6	241	4	0	0	0	5.19		1.22	17	.0	0		11	4	1
CHICAGO O'HARE WSO AP R	84.8	66.6	75.7	4.6	95	28	57	23+	3	342	11	0	0	0	8.54	5.81	1.96	16	.0	0		11	6	3
CHICAGO UNIVERSITY //	85.2	67.1	76.2	3.1	95	8+	60	24+	0	353	12	0	0	0	8.68	5.55	2.29	10	.0	0		10	6	2
CHICAGO MIDWAY AP //R	83.8M	64.6M	74.2M	.5	94	29+	59	29+	3	298	7	0	0	0	6.51	3.37	1.55	31	.0	0		10	6	1
DE KALB	84.3	62.5	73.4	1.8	92	21+	54	23	0	270	5	0	0	0	8.20	5.00	1.78	17	.0	0		11	7	2
ELGIN	81.7	62.1	71.9		90	29+	55	24+	4	227	3	0	0	0	5.32	2.24	1.14	17	.0	0		11	4	2
GEBHARD WOODS ST PARK	87.7M	64.2M	76.0M		97	2	54	23+	0	347		0	0	0	6.43		2.20	31	.0	0		8	5	1
JOLIET BRANDON RD DAM	85.5	63.0	74.3	1.5	94	29+	55	23	3	298	7	0	0	0	6.81	3.67	2.30	31	.0	0		11	6	1
MARENGO	81.8	60.7	71.3	.1	92	21	51	23+	10	210	1	0	0	0	4.99	1.76	.96	17	.0	0		10	4	0
OTTAWA	90.5M	67.2M	78.9M	4.9			59	16	0	434	18	0	0	0	5.73	2.63	2.65	31	.0	0		10	2	1
PARK FOREST	85.3	64.2	74.8		95	9	55	23+	4	312	9	0	0	0	5.61	2.40	1.45	31	.0	0		11	4	1
PERU 2 W	89.6M	64.9	77.3M	3.4	97	8	58	24	0	392	15	0	0	0	8.19	5.42	1.50	5	.0	0		10	7	4
WAUKEGAN	80.8	62.5	71.7	.4	91	21	54	24	4	218	2	0	0	0	5.21	2.32	1.05	17	.0	0		10	5	1
WHEATON 3 SE	85.9M	63.8M	74.9M		94	27	53	23	0	302		0	0	0	7.83	4.93	1.78	10	.0	0		12	7	1
DIVISION			74.2	1.7											6.65	3.61			.0					
* * *																								
WEST 03																								
GALESBURG	86.2	65.9	76.1		96	8	59	12	1	351	9	0	0	0	10.50	7.28	3.40	31	.0	0		11	5	3
GOLDEN 1 NW	89.8	66.6	78.2		99	8	58	4	0	419	17	0	0	0	8.23	5.09	1.60	10	.0	0		10	6	4
LA HARPE	89.1	66.3	77.7	3.7	98	8	58	23	0	399	15	0	0	0	6.13	2.28	1.67	31	.0	0		7	5	3
MONMOUTH	87.9	65.1	76.5	3.1	97	8	57	23	0	363	14	0	0	0	7.81	4.60	2.84	31	.0	0		8	5	3
QUINCY FAA AP	89.9	69.5	79.7		98	27+	59	23	0	464	17	0	0	0	4.93	1.45	1.96	16	.0	0		9	3	1
QUINCY DAM 21 //	89.8	65.8	77.8		99	2	58	24+	0	405	17	0	0	0	5.16	1.81	1.37	17	.0	0		8	4	2
RUSHVILLE	88.0	67.5	77.8	3.2	95	9+	57	3	0	404	12	0	0	0	8.14	4.53	2.20	5	.0	0		10	7	2
DIVISION			77.7	3.2											7.27	3.80			.0					
* * *																								
CENTRAL 04																								
CHENOA	87.7	64.3	76.0		96	10+	51	23	0	347	11	0	0	0	5.61		1.70	14	.0	0		7	4	3
DECATUR	90.8	65.5	78.2	3.2	100	9+	53	23	0	413	17	0	0	0	5.20	2.23	1.64	17	.0	0		7	5	1
FARMER CITY	87.8M	66.8M	77.3M		97	10+	56	24	0	391	12	0	0	0	5.25		1.77	17	.0	0		10	3	1
HAVANA 4 NNE	89.6	65.7	77.7		98	5+	55	23	0	400	18	0	0	0	6.69	3.49	1.89	5	.0	0		10	6	1
LACON 2 E	89.0	66.1	77.6		99	9	55	23	0	396	15	0	0	0	8.05		3.25	31	.0	0		8	4	2
LINCOLN	88.2	67.0	77.6	3.1	95	10+	59	24+	0	397	16	0	0	0	5.75	2.73	1.37	17	.0	0		8	5	3
MASON CITY 1 NW	87.8	67.0	77.4		95	4	58	24+	0	392	12	0	0	0	5.65		1.42	16	.0	0		10	4	2
MINONK																								
NORMAL	89.6	68.5	79.1	4.9	95	10+	57	23	0	442	18	0	0	0	5.87	2.54	1.47	11	.0	0		9	5	2
PEORIA WSO AP //R	86.7	67.1	76.9	3.4	97	4	58	23	0	378	11	0	0	0	6.16	3.09	1.93	14	.0	0		10	5	2
PRINCEVILLE	88.4	63.2	75.8		98	4	53	23	0	341	15	0	0	0	6.56	3.77	1.22	17	.0	0		9	7	3
DIVISION			77.4	3.4											6.08	2.93			.0					
* * *																								
EAST 05																								
DANVILLE	89.0	66.1	77.6	4.3	98	9	56	24+	0	397	16	0	0	0	4.08	1.00	1.63	18	.0	0		7	3	1
HOOPESTON 1 NE	87.5	65.6	76.6	3.6	97	9+	54	23	0	364	10	0	0	0	3.72	1.04	1.04	18	.0	0		7	3	2
KANKAKEE WTR POLL CTR	87.0	64.3	75.7		95	29+	56	25	2	342	10	0	0	0	6.67		3.30	31	.0	0			3	1
PIPER CITY 3 SE	88.4	63.7	76.1	3.5	97	1	52	24+	0	351	13	0	0	0	3.90	.99	.86	17	.0	0		7	3	0
PONTIAC	88.5	66.0	77.3	4.1	95	27+	57	23	0	387	15	0	0	0	4.79	2.06	1.40	31	.0	0		8	5	2
RANTOUL	87.8	66.2	77.0		98	21	56	23	2	383	14	0	0	0	5.99	3.45	1.96	18	.0	0		8	4	2
URBANA	87.0	65.5	76.3	2.8	96	9+	58	23	2	358	14	0	0	0	4.26	1.29	1.55	14	.0	0		9	3	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	88.2	63.6	75.9		98	9	52	23	1	347	14	0	0	0	2.72	- .14	.82	17	.0	0		9	2	0
DIVISION			76.6	3.6											4.52	1.62			.0					
* * *																								
WEST SOUTHWEST 06																								
ALTON DAM 26	91.8	70.2	81.0		102	10	61	24	0	502	21	0	0	0	3.51		1.48	16	.0	0		6	3	1
CARLINVILLE	92.5	66.8	79.7	4.5	102	10	55	24+	0	463	19	0	0	0	2.64	- .52	.71	16	.0	0		7	2	0
GRIGGSVILLE	89.9	68.9	79.4	4.0	99	1	53	22	0	456	16	0	0	0	5.58	2.29	1.30	15	.0	0		9	5	1
HILLSBORO	92.6	67.6	80.1	4.9	100	10+	58	23	0	476	21	0	0	0	7.79	4.61			.0	0				
JACKSONVILLE 2 E	87.7	64.9	76.3	1.6	96	10	55	25+	0	360	13	0	0	0	6.34	3.11	1.34	17	.0	0		8	6	3
JERSEYVILLE 2 SW	91.5	65.4	78.5		101	10	51	24	0	422	20	0	0	0	2.11		1.40	16	.0	0		3	1	1
MORRISONVILLE	89.7	65.2	77.5		99	10+	56	24	0	393	18	0	0	0	3.45		.90	19	.0	0		7	4	0
PANA	86.9	68.0	77.5	2.6	96	9	58	23	0	394	11	0	0	0	5.01	1.19	1.75	19	.0	0		6	4	2
SPRINGFIELD WSO AP R	89.8	68.8	79.3	4.9	98	4	58	23	0	452	16	0	0	0	3.91	1.17	1.29	16	.0	0		7	3	1
VIRDEN 1 N	91.8	67.0M	79.4M		101	10+	56	23	0	438	20	0	0	0	3.78	.23	1.43	17	.0	0		8	2	1
WHITE HALL 1 E	92.2	68.3	80.3	5.1	99	10+	59	24	0	480	23	0	0	0	3.18	- .11	.95	16	.0	0		7	2	0
DIVISION			79.0	3.8											4.30	1.01			.0					
* * *																								
EAST SOUTHEAST 07																								
CASEY	88.8	65.0	76.9		97	9+	54	23	0	376	17	0	0	0	6.29		3.03	14	.0	0		9	4	1
CHARLESTON	88.4	67.9	78.2	3.1	97	4	58	23	0	414	15	0	0	0	4.03	1.16	1.21	19	.0	0		7	3	2
EFFINGHAM 3 W	87.1	65.2	76.2	1.3	95	11+	56	23	0	352	13	0	0	0	3.17	.41	.59	17	.0	0		7	3	0
FLORA 5 NW	93.6	67.4	80.5	5.0	103	10	55	24	0	489	23	0	0	0	2.21	- .73	.93	16	.0	0		6	1	0
MATTOON	89.4	66.1	77.8		100	9	56	23	0	405	15	0	0	0	4.09		1.98	18	.0	0		5	2	2
MOWEAQUA	89.0	67.1	78.1		99	9	58	23	0	413	15	0	0	0	3.79		1.21	14	.0	0		9	3	1
NEWTON 6 SSE	90.1	65.2	77.7		98	11+	56	23	0	403	19	0	0	0	5.30	2.35	1.57	1	.0	0		6	4	2
OLNEY 2 S	91.6	68.0	79.8	4.0	99	9+	57	24	0	465	21	0	0	0	2.64	- .58	.75	13	.0	0		6	2	0
PALESTINE	89.4	68.4	78.9	3.2	97	10+	57	24	0	436	18	0	0	0	4.79	1.68	1.22	2	.0	0		10	5	1
PARIS WATERWORKS	87.9	67.0	77.5	2.9	96	10+	57	23	0	395	13	0	0	0	7.13	4.54	2.84	18	.0	0		6	5	2
SALEM	93.2	67.4	80.3		101	10+	59	24+	0	483	24	0	0	0	3.25		2.11	16	.0	0		5	1	1
TUSCOLA	89.6	66.5	78.1		96	10+	58	23+	0	414	19	0	0	0	6.26	3.16	2.17	15	.0	0		8	4	2
VANDALIA 3 ENE	94.2	67.8	81.0		103	11+	56	24+	0	503	25	0	0	0	1.84		.37	18	.0	0		7	0	0
WINDSOR	91.2	67.3	79.3	4.9	102	8	55	23	0	447	21	0	0	0	4.80	1.67	2.34	16	.0	0		5	3	2
DIVISION			78.6	3.6											4.26	1.27			.0					
* * *																								
SOUTHWEST 08																								
ANNA 1 E	95.4	69.3	82.4	5.8	102	9	60	24	0	547	27	0	0	0	.52	- 3.55	.33	18	.0	0		2	0	0
BELLEVILLE SO ILL UNIV	93.9	67.4	80.7		100	10+	56	26+	0	491	26	0	0	0	1.38		.83	5	.0	0		2	2	0
CAHOKIA	93.7M	68.0M	80.9M				56	26+	0	519	22	0	0	0	3.82		2.00	5	.0	0		6	2	1
CAIRO WSO CI R	92.6	73.6	83.1	3.9	99	9	65	24	0	569	23	0	0	0	2.57	- .93	.97	13	.0	0		4	3	0
CARBONDALE SEWAGE PL	94.3	67.0	80.7	3.9	101	10+	53	24	0	491	26	0	0	0	.85	- 2.69	.48	16	.0	0		2	0	0
CARLYLE RESERVOIR	93.0	69.2	81.1	4.9	104	10	59	23	0	508	21	0	0	0	4.23	1.11	2.25	16	.0	0		5	2	1
DU QUOIN 4 SE	93.6	67.5	80.6	4.0	99	10+	57	25+	0	490	24	0	0	0	3.87	.41	1.45	2	.0	0		5	3	1
KASKASKIA R NAV LOCK	94.4	69.5	82.0		106	1	58	24+	0	533	25	0	0	0	6.46		2.30	15	.0	0		6	5	2
MARION 4 NNE	94.4	68.2	81.3		104	2	56	25+	0	512	25	0	0	0	2.44	- 1.11	.73	12	.0	0		6	2	0
NASHVILLE 4 NE	94.6	70.0	82.3		105	9	60	23	0	545	26	0	0	0	2.46	- 1.16	.78	16	.0	0		4	3	0
SPARTA	94.8	70.5	82.7	5.4	104	9	58	23	0	555	26	0	0	0	4.54	.86	1.82	16	.0	0		6	3	2
WATERLOO	93.6	69.4	81.5		105	1	60	24+	0	519	23	0	0	0	3.04	.00	1.40	15	.0	0		4	3	1
DIVISION			81.6	4.8											3.02	- .63			.0					
* * *																								
SOUTHEAST 09																								
ALBION	95.7	70.9	83.3		102	10+	63	22	0	576	27	0	0	0	2.05	- 1.42	.55	28	.0	0		6	1	0
BROOKPORT DAM 52	94.6	68.9	81.8		101	9	56	24	0	525	29	0	0	0	1.22	- 2.19	.41	14	.0	0		5	0	0
DIXON SPRINGS AGR C	95.0	70.1	82.6		100	10+	59	24+	0	551	30	0	0	0	.53		.18	16	.0	0		3	0	0
FAIRFIELD RADIO WFIW	93.5	68.1	80.8	5.0	101	9+	56	23	0	500	26	0	0	0	2.36	- .84	.84	15	.0	0		6	1	0
HARRISBURG	96.9	71.4M	84.2M	6.8	104	9			0	602	30	0	0	0	3.45	- .11	1.70	28	.0	0		6	2	1
MC LEANSBORO 2 ENE	93.4	67.4	80.4	3.4	100	1	57	24	0	484	24	0	0	0	3.10	- .31	1.86	1	.0	0		4	2	1
MT CARMEL	92.9	69.3	81.1		102	1	61	25+	0	508	25	0	0	0	3.07		.74	15	.0	0		9	2	0
MT VERNON 3 NE	93.6M	67.5M	80.6M	4.1	102	1	53	25	0	489	23	0	0	0	2.73	- .80	.88	3	.0	0		6	1	0
REND LAKE DAM	93.0	69.9	81.5		104	1	62	24	0	518	22	0	0	0	3.99		.85	15	.0	0		7	4	0
ROSICLARE	91.5	69.0	80.3		97	9+	57	24	0	480	24	0	0	0	.99	- 2.85	.71	15	.0	0		2	1	0
DIVISION			81.7	4.9											2.35	- 1.01			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	10.73	.03				.99	.92				.22	.47		T	2.84		1.57	1.72				.43									.07	1.47
DIXON 2 W	6.72		.56			.42			.06	.81	1.18	.31	.13		.04			1.80	.30	.18		.18										.75
FREEPORT WASTE WTR PLT	8.21			.40		.78			.02	T	.80	.09	.32	.01	.63			1.25	.17	.70		1.20								.30	.50	1.04
FULTON DAM 13	9.01		T	.08		.87	.16		.21	.18	1.52	.34	.19	T	.37	.62	T	2.24	.11	.41		.96								.06		.69
GALENA	-			T		.19	.07			.01	1.90	.22	.07	.32	.65		.19	1.45	T	.57		.72									.70	-
GALVA	10.46	.10	T	.02		.78	.14				.19	.14	.36	.02	1.22	2.48	.33	1.50				1.34										1.84
GENESEO	8.48	.05	.20		.85		.16		.59	.25	.58	.16		.70	.20		2.30	.92			.23	.02									.02	1.25
HENNEPIN POWER PLANT	7.82	.02	.01			.70	.01			.01	1.15	.31	.91		.43	.92	.09	.73	.01			.62										1.90
ILLINOIS CITY DAM 16 //	8.44	.14	T	.03		2.17	.35			.63	.10	.49	.06		.92	.10	.25	1.68		.02		.35										1.15
KEITHSBURG	9.77	.05	.01			1.25	1.47	.01			.15	.41	.02	T	1.24	.15	.30	2.68	.01	.10		.49								.03		1.40
KEWANEE 1 E	9.73	.26				.60	.20				1.25	.50	.16	.05	.52	.05	.16	.75				1.53									2.10	1.60
MOLINE WSO AP R	9.09	.22	.04		1.20		.33	T	.16	.55	.46	.31		.12	.42	T	2.80	.66		T	.36	.01									.17	1.28
MORRISON	10.37		.05	.56		2.05	.10			.27	2.25	.42	.18	.02	.72			2.03	.02	.32		.72										.66
MOUNT CARROLL	6.48		T	.08		.78	.03		.05	.08	1.41	.23	.29	.02	.28			1.54	.25	.37		.59										.48
NEW BOSTON DAM 17	8.83	T	T			.98	.43			T	.25	1.05	.10		.83	.55	.23	3.06	T		T	.24										1.11
PAW PAW	8.58					.91	.01	.05		.72	1.80	.10	.48		.82			1.97	.22		.04	.75									.09	.62
ROCHELLE	8.54			.44		1.15				.50	1.50				.55	.02		2.30	.50	.44		.44								T		.70
ROCKFORD 6 ENE	5.80			.90		.57				.22	.61	.02	.33		.78			1.09	.01	.63		.18									.07	.39
ROCKFORD WSO AP //R	5.41		.16		1.05	T	T	.01	.02	.24	.65	.33		.41			1.06	.05		.80	.15	.06								T	.13	.29
STOCKTON 1 N	8.76			.14		.35	T		.11	.01	1.06	.15	.31	.20	.58	T		1.49		.88		2.46							.11		.31	.60
TISKILWA 2 SE	7.55	.03	.01			1.19	.10			.05	.72	1.11		.27	.48	.03	.60	.40				.46									.10	2.00
WALNUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * NORTHEAST 02																																
ANTIOCH 2 NW	5.33		.01	.74		.85		.34	.44	.05	.28	.10	.29		.25			.54	.01		.81	.40									.01	.21
AURORA	7.86			.14		.52		.02		.26	1.51	.17	.55		1.22			1.05	.22		.62	.43									.01	1.14
BARRINGTON	5.19			.89		.53		.07	.11	.01	.33	.23	.18		.61	.02		1.22	.03	.01	.33	.25										.37
CHANNAHON DRESDEN ISL	6.55					.93	.13			.13	.61		.30		.58	.73	.02	.35	.38			.15									.19	2.05
CHICAGO O'HARE WSO AP R	8.54		.32		.67	T	.03	.06	.01	.24	1.00	.30		.46	.04		1.96	.80	T	.76	T	1.43								.02	T	.44
CHICAGO UNIVERSITY //	8.68		.05	.05		.27	.01	.01	.02	.82	2.29	.19	.80	.05	.77		.08	.47	.09	.89		.21									.01	1.60
CHICAGO MIDWAY AP //R	6.51			.13		.60	.02	.08		.65		.35	.75	.01	.80	.01		.43	.01	.01	.80	.31										1.55
DE KALB	8.20		.07	.74		.97	.01		.01	.35	1.43	.24		.91	.01	.02	.25	1.78	.01	.53		.32									.04	.51
ELGIN	5.32			.58		.59	T	T			1.00	.14	.22		.37	.13		1.14	.06		.43	.33										.33
GEBHARD WOODS ST PARK	6.43			.04		.76	.02			.09	.61	.01			.82	.82	T	.47	.25			.34										2.20
JOLIET BRANDON RD DAM	6.81			.01		.87		T		.07	.81	.10	.50		46	.08		.51	.17		.68	.10									.15	2.30
MARENGO	4.99			.80		.56					.70	.05	.36		.35			.96	.16		.48	.27										.30
MARSEILLES LOCK	6.88					.90		T		T	.91		.51		.19	.11		.69	.20			.30									.32	2.75
MC HENRY LOCK AND DAM	5.01			.88		.78		.32	.03		.32	.04	.19		.37			.86	T	.59	.03	.31										.29
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	5.73					.58				.13	.49	.49		.14	.14	.03	.40	.40		.01		.25								.02		2.65
PARK FOREST	5.61			.01		.13	.02			.30	.88	.11	.26		.42	.46		.62	.02		.82	.11										1.45
PEOTONE	5.67			T		.26	T				.71	T	T		1.08	.83		.51	.08	T	.20	.18									.52	1.30
PERU 2 W	8.19	.01	.03			1.50				.15	.90		T	1.10	.50	.65	1.25	.38		.35										T		1.37
STREATOR 2 ENE	7.62	.07	.03			.74	.02			.02	.70	.62		.09	.43	.20	.46			.03		.11									T	4.10
UTICA STARVED ROCK DAM	6.00		.02	.01		.57	T	.01		.26	.74	.03	.69	T	.18	.47	T	.78	.08		T	.40										1.76
WAUKEGAN	5.21			.69		.68		.50	.07	.03	.29	.06	.35		.38	T		1.05	T		.78	.22									T	.11
WHEATON 3 SE	7.83			.21		.73		.02		.45	1.78	.28	.24		.76	.03		.16	.87			.99									.72	.59
* * * WEST 03																																
AVON 5 NE	9.20	.02				.76		.08				.88	.08		2.00	1.54	.29	1.34				.21										2.00
BENTLEY 1 E	8.45	T	.04			.23	.12	.01			T	1.88			3.67	.13	1.34	.18	T	T		.28									.03	.54
CANTON 1 ESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GALESBURG	10.50		T	T		.69	.12					.13	.31		2.20	.46	.10	2.27	.14			.68										3.40
GLADSTONE DAM 18	11.35	T	.02	.03		2.20	.28					.07	.24		1.72	.08	.23	2.78				.75										2.95
GOLDEN 1 NW	8.23		.03			1.33	.75	.20			1.60				.81	1.34	1.28	.05			.26										.24	.34
LA HARPE	6.13			T		1.05		T				T			.28	.30	.88	1.12	.02			.81										1.67
MACOMB	6.13			.03		1.53	.05		.23			.65	.12		.29	.87	.55	1.17	.03			.30										.31
MONMOUTH	7.81		T			.39	.28					.30		.08	1.58	.02	1.05	.77				.50										2.84
MOUNT STERLING	4.78					1.15	.07					.20			.20	.40	.40	.52	.18			.13									.70	.83
PAYSON	6.77	T		.06		.49	.16	.56	T			T			T	.34	2.09	1.80		T		.04										1.23
QUINCY FAA AP	4.93	T	.01		.18	.31	.61	.02			T				.41	.05	1.96	.10	T		.20	T									.43	.65
QUINCY DAM 21 //	5.16			.02		.62	.56	.40	.03			T				.38	1.01	1.37				.43										.34
QUINCY MEMORIAL BRIDGE	5.30	T	T	.04		.30	.79	.24	.02			.01	T			.53	1.16	.82		T		.39										1.00
RUSHVILLE	8.14		.06			2.20	.48	.06			.59	.27			.59	1.31	.97	.03	T	.04		.15									.84	.55
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	5.30		.05	.04		.48	T	.11	T	.50	.05	.53	.36		.80	.73	.10	.95	.16	.08	T											.36
BRADFORD 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.52		*	*	1.23			.35										2.28
CHENOA	5.61	.05	.03			.54	.04	.02				1.00		.03	1.70	.04	1.31	.37	.07												.12	.29
CHILLICOTHE	5.45	.05				.81	.04	.05	.15			.10	.52		1.15	.93	.05	.55				.15										.90
CLINTON 1 SSW	6.00			.06		.66	.03	.01	.01			.53	.03		1.65	.94	.13	1.57	.13	.16	T	T									.08	.01
DECATUR	5.20	.03		.09		.63	T	.03			.37				.05	.66	.42	1.64	.65	.62												.01
FARMER CITY	5.25			.07		.31			.28			.65			.90	41	.10	1.77	.35	.15											.06	.20
HAVANA 4 NNE	6.69		T	.04		1.89	.25		T		.13	.63	.07		.75	.95	.73	.75	T	T		.12										.38
MACON 2 E	8.05	.09				.91	.06	.02	T	T	.15	.46		.02	1.90	.03	.62	.34	.01			.19									T	3.25
LINCOLN	5.75	.01		.08		.51		.04			.12	.76			1.15	1.26	.16	1.37	.06	.21	T											.02
MACKINAW	6.58	.03	.02			1.27	.10					.63			1.46	.12	1.28	.05	.09	.02		.05									.78	.68
MASON CITY 1 NW	5.65		.07			.87	.23				.03	.61			1.20	.16	1.42	.17	.41												.14	.34
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT PULASKI	9.23		.05	.65			2.17			.37					.45	1.94	.27	2.31	.52													.50
NORMAL	5.87	.05	.02			.50	.11	T			.03	1.47		.05	1.20	.16	.93	.48	.22			.04								.06		.55
PEORIA WSO AP //R	6.16	.03	.01		1.02	.24	.14	.29			.04	.73		.14	1.93	T	.71	.16	T		.01	T									.01	.70
PETERSBURG 3 SSW	4.94					.68	.58								1.20	.80	1.00	.26	.20	.22												
PRINCEVILLE	6.56	.05				.65	.45					.52		.49	1.06	.01	.57	1.22				.52										1.02
* * * EAST 05																																
DANVILLE	4.08	T	.08			.07	.07					.29			.54	.46	.56	.13	1.63	.05												.20
DANVILLE SEWAGE PLANT	3.79		.06		.10						.16	.06			.22	.57		.48	.01	1.31	T										.22	.60
FAIRBURY WATERWORKS	-	T	.11		.52	T	T	T	T	T	.08		.77	T	.44	.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GIBSON CITY 1 E	3.52			.02		.20		T			.06	.30			.73	.52	.02	1.30		.14		.03									.13	.07
HOOPESTON 1 NE	3.72		.01	.04		.03			.02		.52	.08	.18		.24	.37	T	1.02	1.04	.15	T											.02
KANKAKEE WTR POLL CTR	6.67		T			.63	.02	T		.44	.26		.74		.21	.19	*	.29	.12	*	.43	.04										3.30
MONTICELLO 2	5.29	T	.10		.16		.14				.02	T			1.08	1.24	.26	1.12	.42	.40												.35
PIPER CITY 3 SE	3.90		.03	.02		.75		.04			.01	.36	.84		.37	.22		.86	.27	.09	T											.04
PONTIAC	4.79	T	.11	.05		.57	T	.03					.50		.28	.50		1.03	.32	T												1.40
RANTOUL	5.99	.05	.08			.17			.08		T	1.22	.02		.23	.90	T	.90	1.96	.20	T											.18
SIDELL	2.66	.01		.03		.19		.03			.13				.55	.65	.28	.40		.39												
URBANA	4.26	.01	.09		.12	.01	.01				.25	.02		.19	1.55	T	.65	.21	.89	T										.10	.01	.15
WATSEKA 2 NW	2.72		T			.23	T	.10	.03			.13	.69		.11	.20	.06	.82	.16	.13	.06											
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	3.51			T		.22						.16			.04		1.48	.77	.33	.50		.01										

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BEARDSTOWN	5.17			.02		1.60	.03								.41	.56	.95	.85	.20	T												.55
BLUFFS	6.66				1.61			.32				.02				1.55	1.51	.73	.69			.23										
CARLINVILLE	2.64		.03		.10	.16					T	49			.06	.56	.71	.20	.30													.03
EDWARDSVILLE 1 NE	4.26	.01				1.58						.37					.92	.63	.04	.71												
GRAFTON	3.82					.24	.31					.30			.05	T	1.36	1 45		.11												
GREENFIELD	2.77	T	.04			.11	.12					.34			.21	.28	.95	.10		.60		.02										
GREENVILLE 1 E	4.10					1.25						.43				.03	1.42	.19	.71	.07												
GRIGGSVILLE	5.58		T	T		.85	.61	T								1.30	.96	.93	.15	.20		.31										.27
HILLSBORO	7.79	.04	T			.10		2.10				.72			T	.60	▪	2.50	1.33												40	
JACKSONVILLE 2 E	6.34	.02	T	.06		1.27	.56	.01				T				1.08	.72	1.34	.78	.19		.23										.08
JERSEYVILLE 2 SW	2.11			.01		.16						T				.04	1.40	47				.03										
KINCAID	3.19	T		.05		.20						.10	.02		.07	1.10	1.39	.10	.03	.13												
MEDORA	3.09		.01		.13	.03						.30			.03	.16	1.57	.80				.01										.05
MORRISONVILLE	3.45	T			T	.32						.77	T		.22	.52	.50			.90											.22	T
MOUNT OLIVE 1 E	3.32	.23				.10						.14	T	.30			.84	.63	T	.88											.20	
PANA	5.01	.03		T		.02			1			.18	.08		.82	.72	.13	1.25		1.75		T									.03	
SPRINGFIELD WSO AP R	3.91	T	.07		.60	.04	.43				T			T	.33	.24	1.29	.02	.51		T	.02									.03	.33
VIRDEN 1 N	3.78	T	.10		.47										.10	.39	.48	1.43	.14	.61		.06										
VIRGINIA	4.81	T	T	.05		1.07		.22	.10			.04			.11	.67	1.26	.74	.28	.05		.13										.09
WHITE HALL 1 E	3.18		T	.05		.41	.04					T			.20	.10	.95	.40	.45			.02										.56
EAST SOUTHEAST 07																																
CASEY	6.29		.19		T		.18	T			.50	T		.36	3.03		.98	.33	.52													.20
CHARLESTON	4.03	T						.58				.18			.20	.43	.03	1.00	.40	1.21												
CLAY CITY 6 SSE	1.83	.22		.15											.30	.08	.70	.31												.03	.04	
DIONA 3 SW	4.84													.06	.61	1.93	1.04	.48	.72													
EFFINGHAM 3 W	3.17	.08		.03		.08		.54	T			.48	.28	T	T	.50	.06	.59	.38	.15											T	
FLORA 5 NW	2.21	.10	.30					T			T			.26	.05	.44	.93													.13		
GREENUP	3.91	T		.45				.07	T		T	.43	T		.12	1.33	.23	.43	.24	.61												
HUTSONVILLE POWER PL	3.79	.27	T	.87				.12				.24			.04	.65	.01	1.24		.18											.17	
LAWRENCEVILLE	3.97	.70	.10	.86		.01			T		T		.32		.02	1.02	.05	.17		T										.02	.70	
MATTOON	4.09		.01								.11	.06			.23	.23	1.45		1.98													.02
MOWEAQUA	3.79					.19		.13				.32			1.21	.74	.56	.11	.13	T												.40
NEWTON 6 SSE	5.30	1.57		.68								T			.18	1.43	.04	.94		.37										.05	.04	
OLNEY 2 S	2.64	.14		.37								.34		.75	.02	.29	.67													.06		
PALESTINE	4.79	.53	1.22			T	T	T			.51	T		.02	.13	.85	.57	.27	.28										.16	.25		T
PARIS WATERWORKS	7.13	T	T			.03	T	T				.58			.64	1.87	.82	T	2.84													.35
SAINTE MARIE	5.37	2.12		.59		.01									.37	.92	.03	.91		.42												
SALEM	3.25	.07	.05			.11		.40				.22			T	.28	2.11		T											.01		
TUSCOLA	6.26	.02	.01		.34		.45	.75				.16			1.53	2.17	.52	.04	.08	.07												.12
VANDALIA 3 ENE	1.84	.21				.27						.15				.14	.36	.34	.37													
WINDSOR	4.80	T				.03						16			.36	.51	2.34	.03	1.36	.01												1
SOUTHWEST 08																																
ANNA 1 E	.52											T				T			.33											.19		
BELLEVILLE SO ILL UNIV	1.38					.83								T	T	.51														.04		
CAHOKIA	3.82	.01				2.00						.17			.08	.35	.74	.26	.18											.03		
CAIRO WSO CI R	2.57			.59	.02	.03						.21		.97	.73	.02																
CARBONDALE SEWAGE PL	.85	.21		T			T						T		T	T	.48		T	T	T									.07	.09	
CARLYLE RESERVOIR	4.23	.02				.32						.99			T	.19	2.25		.46											T	1	
CENTRALIA	2.24			.20		22						.10	.03			.38	1.24													.04	.03	
CHESTER	2.49					.26					.15	.03			T	1.55	.50						T									
DU QUOIN 4 SE	3.87	.39	1.45		.74					T		.05				.92	.23													.09		
GRAND TOWER 2 N	.92	.13														.16	.48		.13											.02		
KASKASKIA R NAV LOCK	6.46	.14				.90	.04				.70	.54	.03			2.30	1.81															
MARION 4 NNE	2.44	.05		.05		.13							.73			.43	.60			.15										.30		
NASHVILLE 4 NE	2.46	.04		.04		.67							.07		T	.75	.78														.11	
PRAIRIE DU ROCHER 1WSW	6.72	.27				1.10										2.32	3.03															
RED BUD 5 SE	5.98	.36				1.00							.05			2.00	2.57												1			T
SPARTA	4.54	.29			.04	.74						.27				1.17	1.82			.19										.02		
WATERLOO	3.04	.11				.91										1.40	.53		.01												.08	
SOUTHEAST 09																																
ALBION	2.05	.30	.30										.40			39	.11												.55			
BENTON FOREST SERVICE	2.96	.46		.31		.56							.12			.58	.74			.17										.02		
BROOKPORT DAM 52	1.22				.18								.14		.41	.12	.08												.04	.18	.07	
CARMI 6 NW	1.44	.62		.18					.07							.17	.32														.08	
DIXON SPRINGS AGR C	.53															.16	.18			T										.12	.07	
FAIRFIELD RADIO WFIW	2.36	.31		.28								.49				.84	.32												.02	.10		
GOLCONDA DAM 51	2.32				T								T			1.00	.40			.72										.20	1	
HARRISBURG	3.45					.44	T					.13			.17			.60				.41							1.70			
HARRISBURG DISPOSAL PL	2.62	T				.19		.03					.05			.18	.44			.13	.02									.18	1.40	
MC LEANSBORO 2 ENE	3.10	1.86	.01	.02		.10							T			T	.85	.08		.03	.03									.12		
MT CARMEL	3.07	.34	.13	.38									.33		.58	.74	.14	.10													.33	
MT VERNON 3 NE	2.73	.40	T	.88	T	.25						.03	.22			.48	.42												.05			
REND LAKE DAM	3.99	.83		.73		.33							.18		T	.85	.73			.25										.03	.06	
ROSICLARE	.99								.06							.71	.07			.11										.04		
SHAWNEETOWN NEW TOWN	5.38							T	.03				.14		.04	2.90	1.37	T		.46	.07									.09	.28	
WAYNE CITY 1 N	2.11	.11		.36									.71			.47	.28	.18														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	92	89	86	92	87	88	90	94	92	88	82	82	89	84	78	75	86	86	91	93	89	83	83	85	89	93	90	88	90	84	84	87.2
	MIN	66	70	60	65	67	67	73	74	70	66	68	60	64	65	64	59	63	65	70	72	67	59	59	61	62	62	66	68	66	66	66	65.5
DIXON 2 W	MAX	86	90	79	84	90	85	87	89	90	86	79	78	82	84	80	76	64	77	84	90	91	80	81	82	82	84	89	90	88	88	79	83.7
	MIN	62	66	57	61	64	68	68	70	69	65	63	58	58	60	60	60	57	59	62	63	67	58	52	57	58	58	59	61	64	64	62	61.6
FREEPORT WASTE WTR PLT	MAX	88	91	75	85	88	86	89	90	87	83	78	80	80	81	80	75	63	72	85	91	93	82	82	83	84	85	91	87	88	88	76	83.4
	MIN	62	66	58	63	62	66	70	68	67	67	63	59	60	60	59	58	58	58	59	67	67	58	54	57	63	61	64	62	64	65	64	62.2
FULTON DAM 13	MAX	88	92	77	87	89	86	88	90	91	85	81	81	80	84	82	77	65	77	85	90	92	81	83	84	84	87	90	88	84	88	76	84.3
	MIN	68	67	62	65	67	70	72	74	73	65	67	65	65	64	66	63	60	60	63	71	70	66	60	60	61	63	64	66	68	66	66	65.7
GALVA	MAX	88	94	87	87	93	87	88	90	95	91	84	80	82	89	79	78	64	85	83	92	94	81	84	83	84	87	91	92	90	89	82	86.2
	MIN	67	66	60	62	66	69	69	73	71	66	67	60	60	65	64	58	58	62	66	72	68	60	61	61	63	63	65	67	69	66	66	64.8
GENESEO	MAX	93	85	87	92	89	89	93	94	89	80	81	81	88	80	79	65	84	85	93	94	82	83	83	84	87	92	92	89	90	80	84	86.0
	MIN	68	67	62	65	68	69	75	71	72	66	67	61	64	68	64	59	61	65	72	73	67	61	59	61	64	66	68	66	70	68	67	66.3
HENNEPIN POWER PLANT	MAX	90	96	89	89	97	88	89	91	95	91	81	78	82	88	80	81	65	86	85	92	95	82	83	84	85	88	93	93	90	91	89	87.3
	MIN	65	67	58	61	67	68	68	71	72	65	64	62	62	65	66	59	60	64	70	72	68	61	56	57	59	60	62	67	66	65	66	64.3
KEWANEE 1 E	MAX	87	91	86	84	91	86	88	90	93	90	80	78	81	86	80	78	65	85	83	91	92	82	81	81	82	85	90	91	88	87	79	84.9
	MIN	64	70	59	64	66	71	70	71	70	64	67	60	61	62	64	57	58	63	69	71	68	60	53	58	59	61	62	65	65	67	65	64.0
MOLINE WSO AP	MAX	92	86	86	91	87	88	91	93	89	81	82	82	88	80	80	66	84	86	92	93	82	83	83	84	88	92	91	88	90	79	84	85.8
	MIN	67	67	61	67	69	69	74	73	68	67	64	60	65	69	65	61	62	63	73	73	64	59	55	59	62	63	65	68	69	68	68	65.7
MORRISON	MAX	87	91	79	84	88	85	86	89	91	88	81	80	81	85	79	79	65	80	84	90	91	81	82	82	83	86	90	90	88	87	77	84.2
	MIN	63	66	58	64	65	68	68	72	71	64	66	60	60	62	64	62	59	60	62	63	68	60	55	55	60	59	62	62	66	65	66	63.1
MOUNT CARROLL	MAX	87	90	75	85	87	84	87	89	88	87	79	79	81	82	81	78	62	77	84	90	91	81	83	82	82	84	89	90	87	88	75	83.4
	MIN	58	59	54	60	62	64	67	68	69	65	68	58	59	59	59	58	58	55	55	68	68	51	50	54	61	57	58	60	64	65	61	60.4
PAW PAW	MAX	85	89	80	83	89	85	84	84	89	85	73	72	80	82	78	75	64	78	81	88	90	79	80	80	81	83	85	88	89	83	80	82.0
	MIN	64	63	59	61	62	68	69	69	68	66	63	60	58	58	63	60	57	58	64	67	67	59	52	55	60	60	63	65	65	63	65	62.3
ROCHELLE	MAX	86	88	89	84	90	84	86	88	90	85	78	77	81	84	80	75	64	74	85	89	91	81	81	82	82	83	89	89	88	88	78	83.5
	MIN	62	65	56	56	62	68	68	69	62	66	65	60	61	64	61	58	56	57	62	68	66	55	54	56	54	60	62	63	64	63	63	61.5
ROCKFORD WSO AP	MAX	87	76	84	90	86	87	88	86	86	80	79	81	80	80	77	64	73	84	89	93	82	82	82	83	85	89	90	88	89	76	79	83.1
	MIN	64	63	59	66	69	70	70	71	70	66	64	59	61	65	61	59	60	64	69	72	63	58	54	59	61	63	64	64	69	66	68	64.2
STOCKTON 1 N	MAX	87	89	74	83	85	83	87	87	85	82	77	79	80	79	79	75	61	73	83	88	90	82	80	81	82	84	88	86	84	85	75	81.7
	MIN	60	68	59	62	65	65	70	66	65	66	61	58	60	60	55	57	58	54	67	70	66	59	50	59	63	62	63	62	64	66	63	62.0
TISKILWA 2 SE	MAX	94	89	88	95	87	88	91	93	93	81	78		87	85	79	71	85	83	91	92	90	82	83	84	87	90	91	89	88	82	83	86.6
	MIN	65	73	59	61	67	68	70	74	71	65			60	67	64	56	60	65	69	72	69	59	56	57	59	62	64	65	66	64	64	64.5
WALNUT	MAX																																
	MIN																																
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	84	87	71	81	85	84	84	86	84	79	74	76	78	72	78	72	64	69	83	85	89	81	80	80	82	83	87	78	86	85	78	80.2
	MIN	65	64	59	60	65	67	65	65	66	65	62	59	59	59	61	56	56	60	61	66	66	59	54	55	60	66	67	61	64	66	65	62.0
AURORA	MAX	90	83	85	91	85	87	90	90	87	77	77	80	78	79	76	65	77	84	85	92	83	82	82	82	84	88	90	91	88	81	81	83.5
	MIN	64	66	59	63	66	68	68	71	69	65	63	61	58	65	62	58	57	57	67	72	67	59	55	56	63	63	64	63	68	65	64	63.4
BARRINGTON	MAX	86	88	74	87	90	84	85	88	84	84	76	76	78	73	78	73	64	70	84	86	92	81	82	83	83	78	88	87	91	90	80	82.0
	MIN	65	69	58	62	63	68	65	68	68	67	65	59	58	60	63	60	56	58	65	65	68	56	52	56	65	60	64	63	66	66	63	62.6
CHICAGO O'HARE WSO AP	MAX	90	80	84	93	87	87	91	90	90	78	77	78	75	78	74	66	74	87	91	93	85	84	86	86	87	92	91	95	92	82	85	84.8
	MIN	68	67	61	65	70	72	69	75	71	69	67	64	63	68	66	58	57	60	69	74	69	62	57	59	66	69	71	69	68	71	71	66.6
CHICAGO UNIVERSITY	MAX	92	93	81	90	95	86	91	95	89	83	76	75	77	78	79	74	72	79	82	90	93	85	79	83	85	89	90	93	94	90	84	85.2
	MIN	71	69	63	66	69	72	69	72	71	67	66	64	60	68	68	63	60	66	67	72	70	65	62	60	66	69	71	66	73	68	66	67.1
CHICAGO MIDWAY AP	MAX	90	92	80	93	94	85	87	81	88		79	76	78	80	78	78	65	72	86	87	93	85	85	83	84	86	90	82	94	79	85	83.8
	MIN	69	61	61	66	66	70	67	72	70		66	66	60	65	62	62	59	63	65	65	70	64	62	62	65	66	65	64	59	63	63	64.6
DE KALB	MAX	89	88	84	92	90	85	87	89	89	84	76	81	79	80	78	74	75	84	86	92	92	82	82	82	83	87	89	90	88	78	77	84.3
	MIN	62	65	57	63	64	67	67	68	67	65	63	59	58	65	59	57	56	62	65	71	66	57	54	57	60	61	63	63	69	64	64	62.5
ELGIN	MAX	85	87	74	82	90	83	85	87	85	84	76	75	79	75	78	73	64	72	84	85	90	80	81	82	81	84	88	89	90	89	77	81.7
	MIN	63	64	59	62	63	66	62	69	69	66	64	60	58	60	63	60	57	59	63	65	67	60	55	55	59	60	62	62	64	65	65	62.1
GEBHARD WOODS ST PARK	MAX	91	97	85	90	95	87		93	95	90	83	81	84	85	81	80	72	85	85	87	95	85	85	86	86	88	95	92	95	90		87.7
	MIN	67	71	59	63	68	68		69	72	68	65	61	59	63	67	62	59	62	68	68	70	54	54	56	62	63	66	64	68	65	66	64.2
JOLIET BRANDON RD DAM	MAX	89	92	84	87	93	87	88	90	93	88	81	77	82	83	80	76	67	80	83	86	94	84	83	83	84	85	89	94	94	89	87	85.5
	MIN	64	66	60	60	64	66	68	72	71	65	64	59	59	62	66	61	57	60	65	66	68	58	55	58	59	61	63	64	65	64	64	63.0
MARENGO	MAX	87	88	74	78	89	85	85	87	83	83	78	76	79	77	80	69	63	71	80	87	92	82	82	82	83	85	88	89	89	89	76	81.8
	MIN	63	67	59	61	61	61	65	68	63	65	62	58	57	59	57	51	57	59	62	62	65	56	51	53	62	61	63	61	64	63	65	60.7
OTTAWA	MAX	97	95	90	97	96	90	94	97	96	89	78	84	87	85	81	76	85	85	92	97	94			89	91	96	97	96	95	91	85	90.5
	MIN	70	75	60	65	68	71	72	77	73	67	68	62	62	70	68	59	60	69	70	75				60	62	64	65	67	69	67	66	67.2
PARK FOREST	MAX	91	93	85	89	94	86	90	94	95	88	80	76	78	82	78	75	66	78	84	85	92	84	81	82	84	85	88	92	94	89	85	85.3
	MIN	67	73	61	64	64	68	70	74	70	65	64	60	58	64	65	58	55	62	68	66	69	59	55	57	58	65	68	66	69	64	64	64.2
PERU 2 W	MAX	95	92	91	95	93	89	95	97	95	90	80	84	86				80	83	95	93	86	85	83	85	87	91	96	95	94	87	86	89.6
	MIN	69	70	59	63	65	72	70	72	72	64	67	62	62	60	62	60	60	61	69	69	68	65	60	58	62	61	65	67	64	68	65	64.9
WAUKEGAN	MAX	86	88	78	78	90	84	86	89	86	79	81	77	73	72	80	72	66	69	81	87	91	82	79	78	81	80	89	75	83	86	79	80.8
	MIN	67	66	60	60	66	67	64	64	69	66	62	59	59	58	63	61	57	59	63	67	67	60	55	54	58	63	64	62	66	66	66	62.5
WHEATON 3 SE	MAX	91	90	85	92	91	87	91	90				81	78	78	76	71	72	85	86	93	93	84	85	85	86	90	94	93	90	85	82	85.9
	MIN	65	67	59	64	67	67	67	73	75			60	56	66	66	60	58	64	66	73	69	58	53	54	54	60	65	63	66	69	65	63.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	92	87	86	94	87	88	92	96	92	87	81	84	89	80	77	67	87	84	90	92	82	82	82	83	87	90	91	89	89	81	84	86.2
	MIN	69	67	60	66	69	70	72	74	72	69	66	59	60	64	66	60	64	63	70	72	67	60	60	60	64	65	66	66	69	66	67	65.9
GOLDEN 1 NW	MAX	97	95	90	96	89	91	93	99	98	96	91	87	93	85	78	75	89	91	93	85	84	85	86	86	91	93	95	95	89	84	85	89.8
	MIN	75	72	62	58	69	69	73	76	79	69	64	59	64	68	68	62	68	72	73	68	59	60	64	59	62	62	65	70	67	66	64	66.6
LA HARPE	MAX	97	88	89	96	90	90	94	98	97	92	83	84	94	85	79	75	89	86	93	93	89	85	84	87	90	94	93	89	91	83	85	89.1
	MIN	70	72	59	66	68	70	73	72	72	69	69	60	63	67	69	62	67	70	71	72	66	59	58	59	60	62	65	69	65	66	66	66.3
MONMOUTH	MAX	95	90	89	94	86	89	93	97	95	91	82	82	91	83	76	74	88	85	93	93	87	83	85	86	88	92	93	90	90	81	83	87.9
	MIN	68	71	59	65	68	68	71	73	69	67	67	59	62	65	65	60	64	66	70	71	67	58	57	59	60	62	65	67	65	65	65	65.1
QUINCY FAA AP	MAX	98	86	88	96	90	85	95	97	97	96	85	84	96	85	81	81	91	85	92	93	84	84	83	85	89	97	98	93	92	91	90	89.9
	MIN	74	71	61	69	72	72	76	74	73	73	68	64	65	71	70	65	75	74	75	73	66	62	59	62	62	65	72	76	71	73	72	69.5
QUINCY DAM 21	MAX	90	99	84	88	93	90	85	97	97	97	96	83	83	95	85	85	84	90	86	94	95	83	84	84	86	91	94	94	93	90	89	89.8
	MIN	72	72	64	61	68	69	69	73	71	70	69	63	63	65	68	61	63	72	71	71	68	61	58	58	59	59	62	65	66	66	64	65.8
RUSHVILLE	MAX	93	92	86	95	92	86	89	93	95	94	82	82	91	85	78	78	89	88	91	89	91	89	83	83	87	90	93	88	85	86	85	88.0
	MIN	70	71	57	68	69	68	73	74	71	70	68	61	64	67	69	67	69	72	71	69	68	58	61	61	68	68	68	71	68	67	67	67.5
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	92	96	88	95	89	87	92	96	89	96	86	82	88	84	78	72	87	84	90	93	87	82	83	84	86	90	92	92	89	88	82	87.7
	MIN	64	68	60	60	67	67	71	70	69	67	66	62	59	64	65	60	62	70	67	72	71	60	51	62	59	61	62	63	66	62	65	64.3
DECATUR	MAX	97	86	93	100	88	92	93	97	100	97	88	87	93	89	80	73	92	86	96	96	83	87	88	89	91	96	97	94	88	91	88	90.8
	MIN	71	70	65	63	68	70	72	73	68	68	68	61	59	65	68	62	65	69	68	71	71	59	53	56	59	61	62	62	66	65	71	65.5
FARMER CITY	MAX	92	86	89	94	85	89	94	97	97	97	85	86	90	80	76	69	89	82	90	92	87	85	85	82	87	92	94	92	81	89		87.8
	MIN	71	70	64	64	69	69	70	72	72	70	68	68	61	65	68	62	63	71	67	72	72	69	62	56	62	63	65	66	68	66		66.8
HAVANA 4 NNE	MAX	97	98	85	91	98	88	91	91	96	96	94	83	84	92	82	79	69	91	86	94	95	85	85	86	88	91	95	97	92	88	90	89.6
	MIN	70	75	60	66	64	70	71	73	72	69	70	62	62	65	69	62	62	67	69	71	71	63	55	57	58	60	63	66	65	63	66	65.7
LACON 2 E	MAX	97	90	89	96	88	89	91	95	99	94	81	82	90	86	80	75	87	88	93	95	91	84	85	86	89	92	93	93	90	85	85	89.0
	MIN	68	71	60	65	68	69	72	76	72	65	68	61	62	65	66	59	62	68	69	74	69	60	55	57	69	70	64	65	68	66	65	66.1
LINCOLN	MAX	92	91	85	94	93	87	91	95	95	95	90	82	91	85	79	76	89	85	91	92	90	83	82	83	86	90	91	90	89	87	85	88.2
	MIN	73	71	63	64	69	70	72	73	74	70	68	64	62	65	69	63	65	73	69	73	71	61	59	59	61	63	64	66	68	65	69	67.0
MASON CITY 1 NW	MAX	93	90	86	95	85	89	89	94	94	93	88	82	90	81	78	75	88	86	91	92	89	88	83	84	87	91	92	90	87	87	85	87.8
	MIN	71	70	61	64	69	71	74	73	72	70	67	62	62	67	69	63	66	72	70	73	71	61	58	58	61	64	67	69	67	66	69	67.0
MINONK	MAX																																
	MIN																																
NORMAL	MAX	94	93	86	95	94	87	92	95	95	95	93	84	90	90	77	77	89	87	92	94	94	84	83	85	87	92	94	94	91	89	85	89.6
	MIN	70	77	62	69	70	71	75	75	73	69	69	62	65	65	68	63	63	72	71	76	71	61	57	61	68	69	71	71	74	67	68	68.5
PEORIA WSO AP	MAX	94	86	87	97	87	88	90	94	93	91	82	82	89	81	77	67	88	82	90	92	81	82	81	83	87	92	94	90	89	87	86	86.7
	MIN	68	68	62	67	69	70	73	73	71	70	68	62	64	66	67	62	65	71	70	73	65	60	58	60	64	64	69	71	71	69	71	67.1
PRINCEVILLE	MAX	96	86	88	98	88	90	91	94	94	93	93	84	92	79	78	74	87	85	93	94	82	84	84	87	90	93	93	91	89	85	84	88.4
	MIN	64	70	56	62	67	66	70	70	68	70	65	57	60	63	63	58	62	66	67	70	67	55	53	56	59	60	63	63	63	62	64	63.2
* * *																																	
EAST 05																																	
DANVILLE	MAX	93	89	86	91	90	90	95	97	98	96	95	86	88	85	78	76	91	88	86	93	92	84	84	85	86	90	93	92	90	88	85	89.0
	MIN	73	74	66	61	70	67	71	74	72	72	68	62	61	62	68	63	64	70	68	72	71	61	56	56	60	61	61	64	68	66	68	66.1
HOOPESTON 1 NE	MAX	95	88	87	92	86	90	95	97	97	95	85	84	87	83	78	72	89	86	84	92	86	82	84	84	86	89	92	92	85	88	81	87.5
	MIN	72	71	67	60	68	66	68	69	72	68	66	63	58	67	66	62	62	72	68	72	71	58	54	57	61	63	65	67	69	64	67	65.6
KANKAKEE WTR POLL CTR	MAX	90	95	80	88	94	86	89	90	93	95	89	82	82	87	83	72	67	88	83	85	93	84	87	86	89	86	90	94	95	89	86	87.0
	MIN	67	76	62	63	68	68	68	73	63	67	67	62	60	63	61	63	58	61	63	68	71	61	58	59	56	63	65	67	68	64	61	64.3
PIPER CITY 3 SE	MAX	97	93	88	93	89	89	93	95	95	95	86	84	86	84	80	72	90	86	86	93	89	85	85	84	85	90	93	93	88	90	83	88.4
	MIN	69	68	62	60	65	67	68	72	71	68	64	61	57	65	65	61	61	69	65	72	69	57	52	52	58	59	62	61	66	63	65	63.7
PONTIAC	MAX	94	94	86	93	92	87	92	95	94	93	91	84	88	88	76	73	87	86	85	95	92	83	83	85	86	93	95	94	91	88	82	88.5
	MIN	70	75	62	63	68	69	70	73	73	68	67	65	60	66	66	60	62	70	68	72	71	61	57	59	61	63	65	66	67	65	65	66.0
RANTOUL	MAX	95	94	86	88	92	84	90	93	96	97	95	86	83	89	80	77	65	90	82	82	98	84	83	84	85	86	90	94	94	91	88	87.8
	MIN	74	76	66	65	67	69	70	76	73	72	68	63	62	66	67	64	61	63	65	66	72	59	56	58	62	64	66	66	67	65	64	66.2
URBANA	MAX	91	83	86	92	83	91	93	96	96	95	87	85	90	82	78	65	90	83	91	92	84	83	83	83	86	90	93	93	82	88	82	87.0
	MIN	72	68	65	62	68	67	69	73	71	70	67	63	61	64	64	60	63	69	65	71	67	61	58	59	64	62	63	64	66	63	71	65.5
WATSEKA 2 NW	MAX	92	97	87	87	94	85	89	92	98	56	91	86	82	88	77	81	68	90	83	88	94	85	82	86	86	88	92	94	95	91	90	88.2
	MIN	68	68	65	60	67	66	70	72	73	68	66	61	60	62	67	61	60	62	64	68	70	58	52	53	53	60	61	62	66	64	66	63.6
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	96	100	91	89	96	88	95	98	97	102	99	90	90	90	85	85	91	93	86	95	95	85	87	85	86	91	93	95	93	87	92	91.8
	MIN	76	76	66	69	70	69	76	77	76	77	71	67	69	70	72	70	71	70	72	74	71	65	63	61	64	67	69	70	71	67	69	70.2
CARLINVILLE	MAX	97	94	89	98	88	95	98	101	101	102	96	88	91	86	80	88	94	89	96	96	89	86	86	87	92	96	97	95	88	93	90	92.5
	MIN	72	71	64	65	68	71	75	72	71	73	68	62	62	67	69	67	71	71	69	73	71	58	55	55	58	61	64	66	68	66	68	66.8
GRIGGSVILLE	MAX	99	94	88	95	86	91	96	94	98	98	86	88	90	85	80	84	89	83	94	95	86	85	83	86	90	92	95	92	88	90	88	89.9
	MIN	75	75	63	68	69	71	77	71	74	75	71	63	66	70	69	64	73	70	72	75	69	53	60	60	64	67	73	72	72	67	69	68.9
HILLSBORO	MAX	99	89	88	98	88	95	96	99	100	100	97	87	91	88	84	85	95	94	95	97	96	83	87	88	90	94	96	95	94	92	90	92.6
	MIN	71	75	65	66	70	73	75	71	75	75	68	64	64	69	70	65	71	70	68	74	68	60	58	60	61	62	63	64	68	65	68	67.6
JACKSONVILLE 2 E	MAX	87	93	84	85	94	87	90	90	95	96	95	85	83	89	81	79	83	91	82	92	92	83	83	83	83	88	91	93	91	83	89	87.7
	MIN	68	71	59	58	63	67	69	70	70	68	67	64	60	60	67	64	64	70	70	71	71	62	56	55	55	60	65	66	68	66	67	64.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	93	98	83	89	95	88	94	97	99	101	100	92	90	88	91	84	90	93	87	94	93	85	86	85	87	90	94	96	93	88	93	91.5
	MIN	69	73	62	63	67	69	74	71	68	71	69	57	61	68	69	69	69	71	69	72	69	57	58	51	55	56	60	64	64	65	67	65.4
MORRISONVILLE	MAX	80	95	83	95	87	92	93	96	99	99	97	87	85	90	82	82	86	90	84	94	94	84	85	85	85	90	93	95	93	91	90	89.7
	MIN	70	70	64	63	68	70	72	70	69	72	67	59	60	66	66	66	66	70	66	64	69	59	57	56	59	60	62	64	64	67	67	65.2
PANA	MAX	90	87	83	92	85	91	92	95	96	95	89	83	89	81	78	77	90	85	90	91	85	82	81	81	84	88	89	90	83	87	86	86.9
	MIN	70	75	67	67	69	71	72	73	73	72	69	65	63	67	69	66	69	71	69	74	72	63	58	60	62	64	65	67	69	67	71	68.0
SPRINGFIELO WSO AP	MAX	94	85	88	98	87	92	94	96	97	97	89	86	92	86	82	78	92	84	95	95	83	85	84	87	90	94	94	95	86	92	87	89.8
	MIN	74	67	65	68	71	72	77	75	73	72	69	63	64	69	67	65	71	71	73	78	64	60	58	60	62	69	71	72	72	70	71	68.8
VIROEN 1 N	MAX	96	97	89	99	89	92	96	101	101	101	92	89	90	84	84	83	93	89	94	94	93	87	87	86	91	90	96	94	87	91	92	91.8
	MIN	72	70				72	76				67	62	60	68	69	63	72	70	67	73	75	60	56	57	58	62	76	70	68	65	67	67.0
WHITE HALL 1 E	MAX	97	97	88	96	89	92	97	98	99	99	98	97	90	89	79	87	92	91	94	94	93	83	84	87	91	94	96	95	91	91	90	92.2
	MIN	74	76	64	67	69	72	75	71	72	72	71	62	62	69	71	65	73	71	71	73	70	62	61	59	62	62	67	69	69	67	68	68.3
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	90	89	85	90	87	93	91	97	97	95	91	86	90	86	79	77	92	90	92	94	90	83	84	84	87	91	93	91	82	89	88	88.8
	MIN	68	71	65	62	69	68	70	70	70	71	66	60	59	66	67	64	64	68	67	71	71	58	54	56	59	59	60	63	67	64	68	65.0
CHARLESTON	MAX	89	88	85	97	92	91	91	96	95	96	93	85	88	85	79	79	92	92	90	92	84	84	83	82	84	89	91	90	81	90	86	88.4
	MIN	71	74	66	65	71	71	70	75	73	74	69	62	62	67	68	65	65	69	68	74	72	62	58	61	65	66	67	68	72	66	70	67.9
EFFINGHAM 3 W	MAX	90	90	88	85	91	84	91	90	95	95	95	86	83	89	84	76	76	90	87	91	92	82	82	81	82	85	88	91	90	82	88	87.1
	MIN	68	68	65	64	67	68	71	70	69	70	68	62	60	63	69	67	67	69	67	70	69	60	56	57	58	60	62	63	64	65	66	65.2
FLORA 5 NW	MAX	97	96	85	94	89	96	98	102	102	103	97	91	95	90	86	87	93	93	96	98	93	86	88	88	93	96	98	96	85	94	97	93.6
	MIN	68	74	66	65	70	72	75	73	72	75	71	60	60	69	72	70	72	73	69	74	70	60	56	55	57	58	62	66	70	66	70	67.4
MATTOON	MAX	91	88	87	93	86	93	95	99	100	98	88	86	92	88	80	70	92	89	93	94	85	84	85	85	88	93	95	93	84	90	86	89.4
	MIN	70	69	65	63	68	69	72	72	73	69	67	62	61	67	67	63	64	68	66	73	67	61	56	58	62	63	66	66	67	65	69	66 1
MOWEAQUA	MAX	92	86	84	95	85	93	93	98	99	96	89	84	93	83	80	75	91	86	93	94	87	84	84	84	87	92	94	94	86	90	88	89.0
	MIN	72	70	66	64	70	70	74	70	70	70	70	63	61	67	69	65	68	73	69	72	71	62	58	59	60	63	64	65	69	66	71	67.1
NEWTON 6 SSE	MAX	98	89	90	85	92	87	93	95	97	98	98	93	85	92	87	78	80	92	90	94	95	87	83	84	86	90	93	95	92	83	91	90.1
	MIN	65	68	67	64	65	68	71	70	71	73	69	59	60	60	70	68	68	69	67	69	72	60	56	57	58	59	62	62	65	63	67	65.2
OLNEY 2 S	MAX	94	94	85	92	87	95	97	99	99	98	97	88	93	89	82	84	92	92	93	96	90	85	85	87	90	95	96	94	84	94	95	91.6
	MIN	70	75	67	66	70	70	75	71	71	73	71	62	62	69	73	70	70	72	69	74	72	61	59	57	58	61	65	65	72	67	72	68.0
PALESTINE	MAX	90	91	85	91	87	93	95	96	97	97	91	86	89	86	78	74	93	93	94	96	88	84	82	86	88	92	94	93	80	90	92	89.4
	MIN	68	69	69	66	72	72	75	74	75	73	71	64	64	70	72	67	67	73	69	75	70	62	59	57	62	64	66	68	68	68	71	68.4
PARIS WATERWORKS	MAX	90	88	85	90	87	91	93	96	96	96	87	82	88	86	79	73	91	89	91	93	87	83	84	84	87	90	92	92	83	87	84	87.9
	MIN	71	74	66	64	69	70	71	74	73	74	67	61	63	66	66	64	64	67	67	74	73	59	57	59	62	65	67	68	70	64	69	67.0
SALEM	MAX	96	96	88	96	90	97	98	99	101	101	96	89	94	90	85	91	94	92	95	96	94	85	86	88	90	95	96	94	89	92	95	93.2
	MIN	71	75	66	66	67	72	73	70	72	73	68	62	63	68	69	68	71	71	69	72	71	62	59	59	60	60	63	66	68	65	69	67.4
TUSCOLA	MAX	90	89	86	90	91	90	94	96	96	96	88	87	89	89	78	78	91	91	92	94	92	85	83	85	87	92	93	94	92	90	90	89.6
	MIN	71	74	64	69	62	68	70	71	71	69	76	62	61	66	67	63	63	70	68	71	72	58	58	59	62	61	69	63	70	64	70	66.5
VANOALIA 3 ENE	MAX	99	97	93	90	100	88	96	99	103	103	103	93	91	96	93	82	85	95	92	96	98	89	89	87	91	98	100	97	90	93	95	94.2
	MIN	70	73	65	67	69	72	74	73	73	74	70	63	64	70	71	69	69	71	70	74	72	59	56	56	61	62	64	68	67	68	68	67.8
WINOSOR	MAX	92	90	90	93	90	94	98	102	101	100	98	87	94	87	79	81	92	90	93	95	91	85	85	86	89	93	95	93	85	90	88	91.2
	MIN	70	70	66	64	68	71	70	73	73	74	69	63	62	66	68	64	65	70	69	73	71	61	55	59	65	64	67	68	70	66	71	67.3
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	95	96	95	93	87	97	98	101	102	100	98	93	96	94	94	96	99	98	99	99	93	89	89	92	95	97	97	96	89	96	94	95.4
	MIN	73	75	75	69	72	72	72	72	71	79	72	67	62	69	72	72	75	75	72	72	72	64	62	60	62	62	63	66	68	67	65	69.3
BELLEVILLE SO ILL UNIV	MAX	100	99	98	98	97	94	97	97	100	100	96	93	93	89	87	92	93	91	95	96	95	86	86	88	91	95	97	94	92	92	90	93.9
	MIN	72	77	63	68	69	69	69	71	71	75	72	61	60	67	70	74	78	78	70	72	69	58	57	56	65	56	59	62	68	68	66	67.4
CAHOKIA	MAX		97	101	100	102	98	100	99	100	101	100	99	97	90	89	85	82	95	90	89	90	85	80	81	89	94	97	98	99	88	95	93.7
	MIN	73	72	70	70	66	70	72	70	71	74	66	65	66	69	71	70	69	71	70	70					56	56	63	63	68	65	69	68.0
CAIRO WSO CI	MAX	94	96	95	89	82	93	97	97	99	98	98	92	95	88	86	88	95	95	97	96	95	89	88	90	91	95	93	94	85	90	90	92.6
	MIN	81	78	74	75	73	76	77	77	78	78	75	73	67	74	75	70	73	75	77	77	75	71	67	65	68	69	74	74	73	71	73	73.6
CARBONOALE SEWAGE PL	MAX	100	95	95	92	94	87	96	99	101	101	99	98	92	94	95	90	94	96	96	98	97	90	88	87	89	92	95	97	94	89	92	94.3
	MIN	70	71	72	71	70	72	70	69	69	73	74	62	60	69	71	69	73	74	72	71	72	57	55	53	54	58	60	62	66	69	68	67.0
CARLYLE RESERVOIR	MAX	100	98	99	87	99	88	96	100	102	104	102	94	88	94	91	84	92	95	92	94	95	85	85	84	85	88	95	94	94	88	92	93.0
	MIN	73	75	66	68	68	71	76	74	75	77	66	65	66	70	70	71	72	71	72	74	72	61	59	63	64	63	67	69	70	67	70	69.2
OU QUOIN 4 SE	MAX	95	96	95	96	94	95	96	99	99	99	98	89	94	93	84	93	97	95	95	97	89	86	86	87	91	95	96	95	88	93	96	93.6
	MIN	70	65	69	69	68	69	73	72	72	74	68	64	63	70	71	72	75	73	74	74	65	60	60	57	57	60	61	64	68	67	68	67.5
KASKASKIA R NAV LOCK	MAX	106	100	102	95	96	89	100	100	100	105	102	98	90	92	90	84	90	94	94	100	100	82	83	85	88	93	95	96	93	90	95	94.4
	MIN	78	78	70	70	70	72	69	77	75	74	73	65	65	70	71	70	74	77	76	76	74	58	59	58	59	63	64	62	68	69	69	69.5
MARION 4 NNE	MAX	100	104	95	91	93	86	96	99	100	103	101	98	90	94	93	87	94	95	95	97	98	90	88	87	89	95	98	98	92	89	92	94.4
	MIN	70	70	73	70	70	71	73	70	70	72	74	65	62	66	70	71	75	75	75	73	72	62	59	56	56	59	64	66	68	68	68	68.2
NASHVILLE 4 NE	MAX	98	101	90	98	89	97	100	102	105	102	98	90	94	92	86	92	94	93	96	98	94	86	87	89	92	96	98	95	90	95	97	94.6
	MIN	72	76	69	68	69	74	76	73	74	75	71	65	66	70	72	72	75	73	73	74	72	63	60	62	65	66	67	69	69	68	71	70.0
SPARTA	MAX	98	102	92	98	91	98	100	100	104	101	94	92	95	91	87	94	96	94	97	98	95	87	87	87	92	96	97	95	89	95	97	94.8
	MIN	72	76	69	70	68	75	78	77	77	77	74	64	66	71	71	72	76	75	74	76	73	62	58	63	63	63	67	69	70	68	73	70.5
WATERLOO	MAX	105	100	101	91	98	86	96	98	98	100	99	97	91	91	89	86	93	94	91	96	96	87	88	87	87	92	95	96	94	87	94	93.6
	MIN	72	77	65	67	68	71	77	76	75	76	72	63	66	70	69	70	72	70	71	75	70	62	60	60	63	65	68	71	70	67	72	69.4
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	100	96	97	95	95	97	99	101	102	102	100	96	97	94	88	89	95	95	98	100	99	90	88	90	95	97	99	97	88	92	97	95.7
	MIN	76	72	72	70	71	73	76	76	73	76	73	65	67	72	72	71	72	75	76	75	74	63	64	64	65	65	68	72	69	69	72	70.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
AUGUST 1980

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BROOKPORT DAM 52	MAX	96	94	93	90	87	97	98	99	101	99	98	96	98	92	91	95	96	96	98	98	96	91	89	92	93	95	96	95	90	92	93	94.6
	MIN	74	77	77	66	75	74	70	69	69	70	72	67	62	68	71	71	74	77	73	70	72	62	61	56	59	62	64	67	68	67	72	68.9
DIXON SPRINGS AGR C	MAX	100	94	94	92	90	95	97	98	100	100	99	97	95	94	92	94	97	96	98	98	96	91	87	91	93	96	97	96	93	92	94	95.0
	MIN	72	76	78	72	75	73	73	70	70	72	74	67	62	73	73	73	78	74	74	74	73	62	59	59	62	63	65	69	68	68	71	70.1
FAIRFIELD RADIO WFIW	MAX	100	95	94	93	92	95	96	101	101	99	98	89	94	92	86	90	94	94	94	96	95	85	87	90	91	95	97	94	84	93	95	93.5
	MIN	72	70	69	67	72	72	73	72	72	72	72	62	62	70	73	70	73	71	71	73	75	62	56	57	60	61	63	66	70	66	68	68.1
HARRISBURG	MAX	98	99	95	97	91	100	102	102	104	103	100	92	98	93	94	95	97	96	100	98	95	96	97	98	99	94	98	88	95	94	95	96.9
	MIN	73	78	78	70	73	74	75	71	73	75	74	66	62	71	72	73	73	70	78	75	74				66		69	62	64	66	72	71.4
MC LEANSBORO 2 ENE	MAX	100	91	93	89	93	86	94	97	97	99	98	97	94	96	94	85	96	95	95	96	98	90	87	87	89	92	95	98	95	84	94	93.4
	MIN	67	71	71	68	70	70	72	71	71	72	71	62	65	64	67	71	73	73	72	72	71	61	59	57	59	61	62	65	67	66	68	67.4
MT CARMEL	MAX	102	90	94	90	93	88	95	98	100	101	100	98	90	92	30	85	84	94	94	94	98	94	87	87	88	91	93	96	93	92	90	92.9
	MIN	70	71	69	71	71	72	73	74	75	75	73	65	65	67	72	68	71	73	72	73	76	65	62	61	61	64	65	68	71	67	68	69.3
MT VERNON 3 NE	MAX	102	92	95	94	93		97	98	100	100	100	96	88	92	88	87	94	93	93	95	96	87	89	88	89	92	95	99	95	86	95	93.6
	MIN	70	74			69	72	76	76	75	72	70	61		71	72	70	72	70	70	72	73	58	56	59	53	58	60	63	69	64	65	67.5
RENO LAKE DAM	MAX	104	94	92	87	94	87	96	97	98	100	99	98	89	93	92	85	95	95	94	92	98	88	86	85	87	90	95	98	93	88	94	93.0
	MIN	67	73	70	71	70	70	75	74	74	74	74	66	66	67	72	72	73	74	73	78	79	63	63	62	64	64	66	66	71	68	68	69.9
ROSICLARE	MAX	92	92	90	90	85	96	94	97	97	96	95	94	90	88	85	91	93	93	93	94	92	86	85	88	90	92	94	93	89	90	93	91.5
	MIN	72	74	76	70	73	72	73	70	70	71	72	68	63	73	71	73	73	72	73	72	71	64	60	57	62	62	64	63	69	67	70	69.0

DAILY SOIL TEMPERATURES

ILLINOIS
AUGUST 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	83	85	84	82	85	80	83	85	87	89	91	85	84	84	77	77	78	78	78	81	84	82	81	82	82	78	80	76	77	77	79	81.7
		MIN	76	78	76	75	72	77	74	75	78	79	80	76	74	73	75	73	71	70	74	72	75	75	73	74	75	75	73	72	75	76	76	74.7
	8	MAX	80	81	80	78	80	79	79	80	82	83	83	81	81	80	79	78	75	75	76	78	80	80	78	79	79	77	78	79	78	77	78	79.1
		MIN	78	79	78	76	76	77	77	77	79	80	81	79	78	77	77	75	72	72	75	75	78	78	77	76	75	77	74	76	77	76	76	76.7

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
* * * NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.38	.24	.16	.06	.44	.13	.22	.23	.26	.47	.12	.15	.23	.05	.28	-	.05	.07	.22	.17	.36	.28	.18	.18	.19	.20	.18	.13	.18	.20	.76	7.008
	WIND	37	23	34	20	45	33	25	31	35	32	16	26	17	34	18	45	64	26	11	18	25	56	13	11	13	15	10	16	9	15	29	802
	MAX	95	98	89	89	98	96	97	98	98	100	95	96	95	96	93	88	75	87	93	99	102	90	94	95	96	96	98	99	90	94	87	94.1
	MIN	71	69	66	63	68	61	70	74	75	70	70	68	74	72	69	62	62	62	71	73	73	64	64	64	65	67	68	68	70	69	68	68.1
* * * EAST 05																																	
URBANA	EVAP	.19	.20	-	.25	.22	.12	.14	.20	.25	.20	.30	.16	.17	.20	.08	.10	.01	.09	.09	.16	.19	.24	.20	.17	.18	.17	.18	.18	.24	.06	.11	5.228
	WIND	41	47	*	62	38	37	30	38	47	24	41	33	23	37	19	23	22	56	9	20	36	48	22	11	11	17	17	22	24	23	5	883
	MAX	94	93	-	93	99	84	95	98	97	98	97	89	90	92	78	78	63	88	81	95	97	90	89	91	92	93	95	94	94	80	90	90.2
	MIN	69	70	-	63	63	67	67	79	71	71	68	63	61	61	66	62	62	62	67	68	69	60	58	58	61	63	63	64	74	64	64	65.3
* * * WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.21	.23	.18	.35	.26	.12	.27	29	.33	.21	.31	.22	.33	.16	.01	.14	.13	.24	.23	.32	.32	.28	.32	.11	.16	.38	.20	.35	.17	.25	.07	7.15
	WIND	47	118	49	77	99	65	73	79	37	48	90	54	81	93	24	129	117	32	49	74	102	40	37	23	53	62	53	67	52	102	83	2109
	MAX	94	92	95	97	87	94	96	98	100	98	96	91	96	85	82	80	92	91	97	97	91	91	92	91	93	94	96	94	88	92	86	92.5
	MIN	74	70	85	68	69	71	74	73	73	75	70	65	63	68	70	64	70	73	73	74	72	63	61	63	63	65	73	68	69	67	70	69.5
* * * SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.35	.39	.29	.30	.35	.20	.30	.32	.37	.40	.59	.27	.29	.27	.18	.35	.23	.32	.28	.29	.33	.33	.32	.27	.27	.27	.27	.28	.29	.15	.29	9.41
	WIND	53	113	68	45	90	67	71	55	37	50	70	50	46	74	29	63	60	69	42	53	62	57	69	51	29	25	27	31	47	58	83	1744
	MAX	95	93	88	85	95	87	95	98	100	100	99	93	92	90	92	85	92	96	94	97	96	90	89	90	91	93	96	95	91	85	91	92.7
	MIN	71	71	67	67	69	69	72	72	72	74	68	68	66	66	69	70	70	72	72	73	71	63	61	61	64	66	66	67	66	66	67	68.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO ILL UNIV	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN O MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 44	88 32	366	5P	5P		H	CLYDE PITTMAN
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE O HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE O NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE F COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

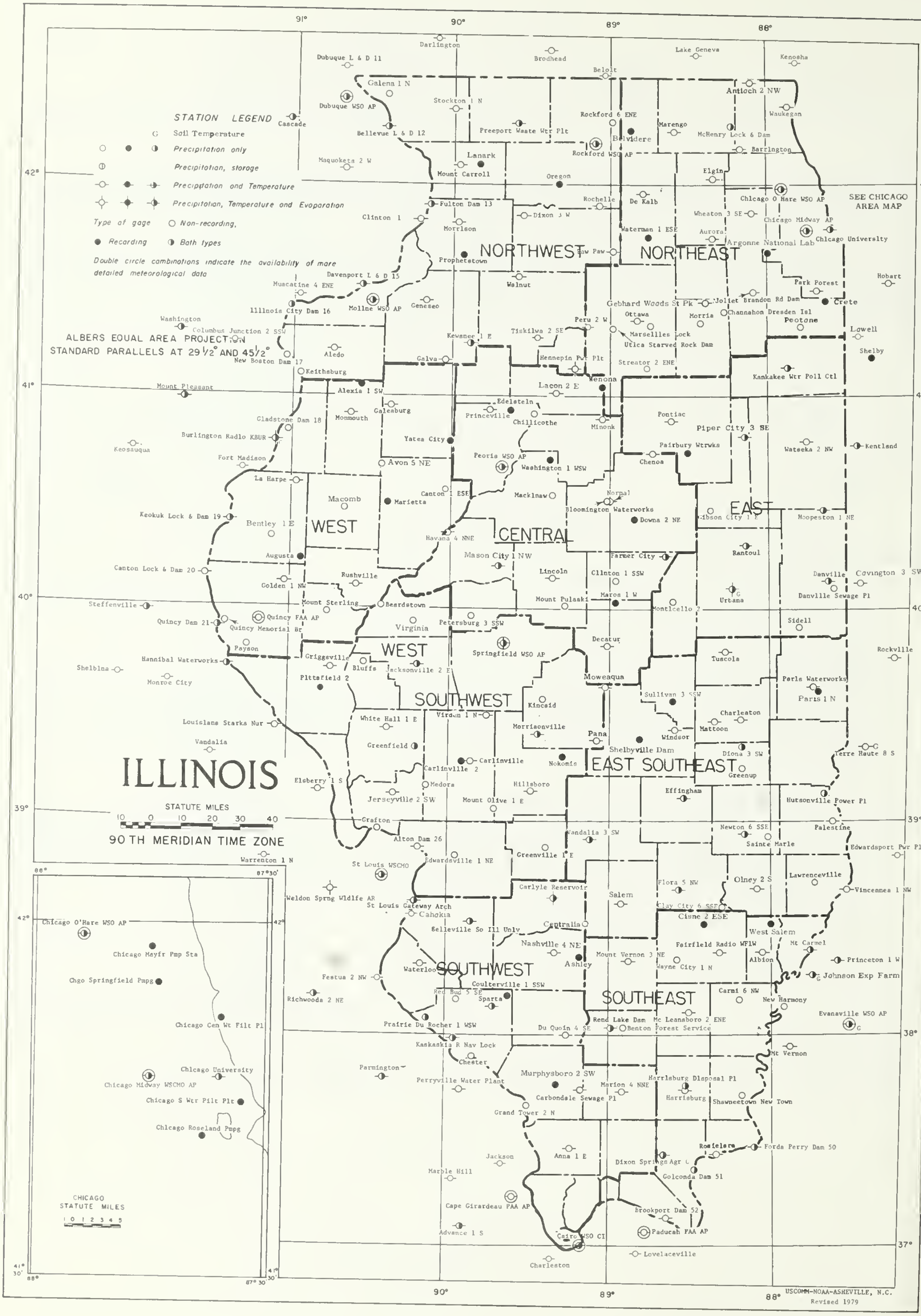
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording
◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST
SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Beloit
Dubuque L & D 11
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Cascade
Rockford 6 ENE
Waukegan
Bellevue L & D 12
Preeport Waste Wtr Plt
Marengo
McHenry Lock & Dam
Belvidere
Barrington
Rockford WSO AP
Maquoketa 2 W
Lanark
Mount Carroll
Oregon
Elgin
Rochelle
De Kalb
Chicago O Hare WSO AP
Fulton Dam 13
Clinton 1
Dixon 1 W
Wheaton 3 SE
Chicago Midway AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Prophetstown
Paw Paw
Davenport L & D 15
Walnut
Park Forest
Hobart
Muscatine 4 ENE
Illinois City Dam 16
Moline WSO AP
Geneseo
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Ottawa
Channahon Dresden Isl
Morris
Peotone
Washington
Columbus Junction 2 SSW
Peru 2 W
Marseilles Lock
Lowell
Kewanee 1 E
Tiskilwa 2 SE
Utica Starved Rock Dam
Aledo
Shelby
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville
Pontiac
Monmouth
Chillicothe
Gladstone Dam 18
Minonk
Piper City 3 SE
Yates City
Burlington Radio KBUR
Fairbury Wtrwks
Kentland
Wateeka 2 NW
Keosauqua
Peoria WSO AP
Fort Madison
Chenoa
Washington 1 WSW
Avon 5 NE
La Harpe
Canton 1 ESE
Normal
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Gibson City 1 E
Keokuk Lock & Dam 19
Hoopeston 1 NE
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Augusta
Mason City 1 NW
Farmer City
Lincoln
Danville
Covington 3 SW
Canton Lock & Dam 20
Clinton 1 SSW
Rushville
Golden 1 NW
Danville Sewage Pl
Maroa 1 W
Urbana
Steffenville
Mount Sterling
Beardstown
Mount Pulaski
Monticello 2
Quincy FAA AP
Sidell
Petersburg 3 SSW
Quincy Dam 21
Virginia
Quincy Memorial Br
Decatur
Payson
Springfield WSO AP
Rockville
Hannibal Waterworks
Griggsville
Tuscola
Bluffs
Jacksonville 2 E
Shelbina
Moweaqua
Paris Waterworks
Monroe City
Pittsfield 2
Paris 1 N
Sullivan 3 SSW
Kincaid
Charleston
White Hall 1 E
Virden 1 N
Mattoon
Louisiana Starks Nur
Morrisonville
Windsor
Pana
Vandalia
Greenfield
Shelbyville Dam
Diona 3 SW
Terre Haute 8 S
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Vandalia 3 SW
Newton 6 SSE
Palestine
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Warrenton 1 N
Edwardsville 1 NE
Greenville 1 E
St Louis WSCMO
Lawrenceville
Olney 2 S
Carlyle Reservoir
Flora 5 NW
Vincennes 1 NW
Salem
Weldon Sprng Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
West Salem
Belleville So Ill Univ
Centralia
Fairfield Radio WFIW
Mt Carmel
Nashville 4 NE
Mount Vernon 3 NE
Princeton 1 W
Ashley
Albion
Waterloo
Wayne City 1 N
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
New Harmony
Red Bud 5 SE
Richwoods 2 NE
Sparta
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Ford Ferry Dam 50
Anna 1 E
Jackson
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
88°
87°30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
1 0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS
BULK RATE

SEPTEMBER 1980 VOLUME 85 NUMBER 9

Climatological Data

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	ANNA 1 E	101	DATE 09
LOWEST TEMPERATURE:	MOUNT CARROLL	33	DATE 27+
GREATEST TOTAL PRECIPITATION:	ELGIN	9.02	
LEAST TOTAL PRECIPITATION:	SALEM	1.91	
GREATEST 1 DAY PRECIPITATION:	GLADSTONE DAM 18	3.18	DATE 01

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	32	NW	16	-	-	-	-	1	2	5	1	0	0	9	61	-
CHICAGO O HARE WSO AP	22	3.1	7.9	23++	30	09+	80	84	59	61	5	0	7	1	2	0	15	60	5.5
MOLINE WSO AP	21	2.6	8.4	26	NW	25+	81	87	59	66	8	2	1	4	0	0	15	65	4.6
PEORIA WSO AP	20	1.9	7.3	36	W	01	79	83	56	62	4	2	5	1	0	1	13	70	5.1
ROCKFORD WSO AP	21	2.2	8.0	22++	31	09	83	87	58	63	4	1	6	2	1	1	15	-	5.4
SPRINGFIELD WSO AP	21	2.6	7.1	23++	33	16	84	92	57	64	1	5	4	2	0	1	13	75	5.2

CLEMSON UNIVERSITY LIBRARY
JAN 5 1981
SCI. TECH & AGR DIV.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ILLINOIS
SEPTEMBER 1980

STATION	TEMPERATURE										NO. OF DAYS				PRECIPITATION				SNOW, SLEET			NO. OF DAYS		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEOO	79.1	55.1	67.1	1.9	94	8	36	26	72	143	2	0	0	0	4.52	1.00	1.78	1	.0	0		8	3	1
OIXON 2 W	75.7	51.0	63.4	- 1.4	91	9	37	27+	125	82	1	0	0	0	5.54	1.93	1.02	17	.0	0		10	4	1
FREEPORT WASTE WTR PLT	74.8	52.0	63.4		92	9	38	26	120	80	1	0	0	0	6.49		1.42	1	.0	0		12	5	2
FULTON DAM 13	75.4	55.2	65.3	.5	91	9	43	28	85	100	1	0	0	0	4.60	.86	1.40	13	.0	0		10	3	1
GALVA	77.8	54.4	66.1	1.0	92	9	36	26	71	113	1	0	0	0	4.27	.82	1.57	1	.0	0		8	2	2
GENESEO	77.3	55.3	66.3		94	8	39	26	67	111	1	0	0	0	2.81	- .78	.74	16	.0	0		6	3	0
HENNEPIN POWER PLANT	78.0	55.0	66.5		90	9	40	26	71	125	1	0	0	0	4.37		2.00	1	.0	0		7	2	2
KEWANEE 1 E	76.9	53.4	65.2	.1	92	9	38	26	93	103	1	0	0	0	2.41	- .97	1.04	17	.0	0		6	1	1
MOLINE WSO AP R	77.3	54.1	65.7	1.1	93	8	37	26	77	107	1	0	0	0	2.94	- .90	.83	1	.0	0		5	4	0
MORRISON	76.4	52.1	64.3	- .3	92	9	39	27+	110	95	1	0	0	0	3.69	.01	.70	7	.0	0		8	4	0
MOUNT CARROLL	74.9	48.8	61.9	- 1.4	90	9	33	27+	151	68	1	0	0	0	5.66	1.81	1.35	13	.0	0		8	4	2
PAW PAW	75.3	52.8	64.1		87	9+	37	27	109	87	0	0	0	0	6.08	2.76	1.90	1	.0	0		11	3	2
ROCHELLE	74.8	51.7	63.3		90	9	37	28+	120	73	1	0	0	0	5.65		1.31	1	.0	0		9	6	1
ROCKFORO WSO AP //R	75.2	53.2	64.2	.9	88	8	39	26	99	80	0	0	0	0	6.13	2.13	2.20	7	.0	0		10	4	2
STOCKTON 1 N	73.1	51.6	62.4		89	9	37	26	136	67	0	0	0	0	6.65		1.48	7	.0	0		10	6	2
TISKILWA 2 SE																								
WALNUT																								
DIVISION			64.6	.3											4.79	1.11			.0					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	72.1	52.0	62.1	- 1.2	82	4	38	27	128	47	0	0	0	0	6.44	3.21	1.47	13	.0	0		10	5	3
AURORA																								
8ARRINGTON	74.4	52.4	63.4		85	21	38	26	108	68	0	0	0	0	5.82		1.30	17	.0	0		8	5	2
CHICAGO O'HARE WSO AP R	75.6	56.3	66.0	2.3	90	20	42	26	71	107	1	0	0	0	5.65	2.64	1.79	7	.0	0		10	3	2
CHICAGO UNIVERSITY //	77.4	57.8	67.6	1.7	88	21	44	26	55	141	0	0	0	0	5.44	2.51	1.74	17	.0	0		9	4	2
CHICAGO MIOWAY AP //R	75.5	55.2	65.4	- .5	87	20	44	27+	75	95	0	0	0	0	5.12	2.12	1.70	16	.0	0		8	3	2
OE KAL8	76.4	54.5	65.5	1.9	88	8	38	26	82	103	0	0	0	0	8.56	5.01	2.17	8	.0	0		9	7	4
ELGIN	73.2	51.1	62.2		85	21	35	26	131	54	0	0	0	0	9.02	5.69	2.44	9	.0	0				
GE8HARO WOODS ST PARK	76.2	53.9	65.1		87	21	40	26	83	90	0	0	0	0	7.10		2.38	1	.0	0		8	3	3
JOLIET 8RANOON RO DAM	76.9	53.0	65.0	- .4	89	21	39	27+	80	88	0	0	0	0	7.86	4.40	2.74	1	.0	0		8	4	3
MARENGO	74.1	50.1	62.1	- 1.2	86	9	36	26	131	51	0	0	0	0	7.88	4.50	1.67	17	.0	0		12	7	3
OTTAWA	80.9M	56.8M	68.9M	2.6	91	8	40	26	51	175	2	0	0	0	5.14	1.77	2.30	1	.0	0		7	2	2
PARK FOREST	75.7	53.9	64.8		87	21	39	26	84	89	0	0	0	0	5.83	2.95	2.00	1	.0	0		7	3	2
PERU 2 W	80.9	54.7	67.8	1.9	90	20+	40	24	59	149	3	0	0	0	6.34	3.08	3.10	1	.0	0		11	2	1
WAUKEGAN	72.8	51.8	62.3	- 1.4	82	21+	38	27	121	46	0	0	0	0	5.92	2.78	1.04	17	.0	0		10	6	1
WHEATON 3 SE	77.0	54.7M	65.9M		88	20+	40	26	83	111	0	0	0	0	6.05	2.65	2.02	8	.0	0		7	4	2
DIVISION			64.9	.0											6.54	3.23			.0					
* * *																								
WEST 03																								
GALES8URG	78.1	55.3	66.7		94	8	37	26	64	125	2	0	0	0	5.99	2.58	3.06	1	.0	0		9	3	1
GOLOEN 1 NW	81.0	56.9	69.0		94	8	37	26	67	191	7	0	0	0	5.66	1.90	1.25	13	.0	0		7	5	3
LA HARPE	79.9	55.3	67.6	1.3	95	8	36	26	61	147	2	0	0	0	8.39	4.34	2.48	17	.0	0				3
MONMOUTH	78.7	54.4	66.6	1.1	93	8	37	26	73	130	1	0	0	0	6.41	2.72	2.53	1	.0	0		8	5	2
QUINCY FAA AP	81.3	59.5	70.4		96	8	39	26	59	228	7	0	0	0	5.46	1.47	1.38	13	.0	0		7	5	2
QUINCY DAM 21 //	80.0	53.7	66.9		95	9	40	27	85	146	6	0	0	0	6.48	2.61	1.73	6	.0	0		10	6	2
RUSHVILLE	79.8	56.5	68.2	1.2	94	8	38	26	61	165	2	0	0	0	5.16	1.45	1.18	5	.0	0		8	4	2
DIVISION			67.9	1.3											6.22	2.38			.0					
* * *																								
CENTRAL 04																								
CHENOA	79.7M	55.4	67.6M		89	20+	39	26	60	148	0	0	0	0	3.63		1.80	17	.0	0		7	2	1
OECATUR	82.7	55.8	69.3	1.2	93	8	38	27	48	181	5	0	0	0	5.02	1.70	1.55	17	.0	0		8	4	2
FARMER CITY	80.5	57.1	68.8		91	22	38	26	40	161	5	0	0	0	3.48		1.19	17	.0	0		7	2	1
HAVANA 4 NNE	81.1	54.5	67.8		93	9	39	27	53	146	3	0	0	0	6.26	2.82	1.34	16+	.0	0		8	4	3
LACON 2 E	80.6	56.1	68.4		90	8	39	26	54	164	1	0	0	0	4.36		1.71	1	.0	0		7	2	2
LINCOLN	80.5	57.8	69.2	2.1	89	20	41	27+	39	173	0	0	0	0	4.53	1.35	1.23	16	.0	0		8	5	1
MASON CITY 1 NW	80.3M	56.6M	68.5M		90	20+	39	26	54	168	2	0	0	0	5.38		1.30	17	.0	0		8	4	3
MINONK																								
NORMAL	81.0	57.9	69.5	2.3	90	21+	39	26	41	182	4	0	0	0	4.41	.95	1.25	17	.0	0		8	3	2
PEORIA WSO AP //R	78.7	57.0	67.9	2.4	90	8	39	26	65	156	1	0	0	0	4.09	.54	2.15	16	.0	0		7	2	1
PRINCEVILLE	79.8	52.9	66.4		91	8	35	26	75	120	1	0	0	0	4.25	.68	1.58	1	.0	0		7	3	1
DIVISION			68.3	1.7											4.54	1.09			.0					
* * *																								
EAST 05																								
OANVILLE	81.0	56.2	68.6	2.1	92	22	39	27	38	153	1	0	0	0	3.47	.37	.87	17	.0	0		8	2	0
HOOPESTON 1 NE	78.6	56.3	67.5	1.2	90	22	39	26	57	137	1	0	0	0	3.36	.00	1.18	17	.0	0		6	3	1
KANKAKEE WTR POLL CTR	78.8	53.4	66.1		92	14	40	26	67	107	2	0	0	0	4.38		1.50	17	.0	0		6	4	1
PIPER CITY 3 SE	80.4	54.6	67.5	1.6	91	22+	38	27+	60	143	3	0	0	0	4.53	1.79	1.80	17	.0	0		6	3	2
PONTIAC	80.4	57.4	68.9	2.7	90	21+	41	26	45	171	3	0	0	0	4.08	.87	1.67	17	.0	0		7	3	1
RANTOUL	78.9	53.9	66.4		90	23+	37	26	73	123	3	0	0	0	3.81	.70	.95	17	.0	0		7	3	0
UR8ANA	79.6	54.9	67.3	.5	90	22	40	27+	57	134	1	0	0	0	3.34	.36	1.42	16	.0	0		4	2	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	79.1	53.5	66.3		91	21	38	27	70	115	2	0	0	0	6.12	3.29	1.97	17	.0	0		6	4	3
DIVISION			67.3	1.2											4.14	1.12			.0					
* * *																								
WEST SOUTHWEST 06																								
ALTON DAM 26	82.6	57.6	70.1		98	9	43	26	44	204	7	0	0	0	3.00		1.67	17	.0	0		5	2	1
CARLINVILLE	82.9	56.9	69.9	1.9	97	8	39	26	43	199	6	0	0	0	4.83	1.23	2.26	17	.0	0		7	3	1
GRIGGSVILLE	79.4	58.5	69.0	1.0	92	8	41	26	60	186	3	0	0	0	4.87	1.23	1.05	5	.0	0		8	4	3
HILLSBORO	83.3	56.8	70.1	2.1	95	8	40	26	34	192	7	0	0	0	3.98	.74	1.10	7	.0	0		8	3	2
JACKSONVILLE 2 E	79.7	54.5	67.1	- .4	94	9	39	27	75	144	3	0	0	0	6.38	2.67	1.52	17	.0	0		9	7	2
JERSEYVILLE 2 SW	82.3	54.6	68.5		97	9	37	27	70	180	8	0	0	0	2.97		1.31	17	.0	0		6	1	1
MORRISONVILLE	82.5	54.5	68.5		93	9	39	27+	51	163	4	0	0	0	3.91		1.82	17	.0	0		6	2	2
PANA	78.9	58.8	68.9	1.2	88	22+	43	27+	43	167	0	0	0	0	5.04	1.64	1.46	16	.0	0		5	4	3
SPRINGFIELD WSO AP R	80.2	57.1	68.7	1.5	90	22+	40	26	49	169	4	0	0	0	4.95	1.68	2.74	16	.0	0		7	3	1
VIRDEN 1 N	83.0	56.3	69.7		95	8	38	26	48	194	9	0	0	0	4.81	1.38	.92	17	.0	0		11	4	0
WHITE HALL 1 E	82.5	58.2	70.4	2.4	94	8	41	27+	40	207	9	0	0	0	3.14	.27	.90	17	.0	0		7	4	0
DIVISION			69.2	1.2											4.35	1.02			.0					
* * *																								
EAST SOUTHEAST 07																								
CASEY	81.3	56.3	68.8		91	9+	40	27+	42	166	5	0	0	0	4.48		1.74	2	.0	0		4	3	2
CHARLESTON	80.6	58.3M	69.5M	2.1	90	8	41	27	32	170	1	0	0	0	4.36	1.27	1.28	17	.0	0		6	4	2
EFFINGHAM 3 W	78.5	54.0	66.3	- 1.4	90	1	40	28+	78	122	1	0	0	0	6.17	2.95	2.53	17	.0	0		4	4	2
FLORA 5 NW	84.5	58.1	71.3	2.7	97	1	41	27	32	227	9	0	0	0	3.55	.40	1.32	17	.0	0		5	4	1
MATTOON	81.2	55.8	68.5		91	22+	40	27	47	157	4	0	0	0	4.15		2.40	16	.0	0		5	2	1
MOWEAQUA	82.5	58.0	70.3		91	22+	41	26	27	192	6	0	0	0	3.94		2.20	16	.0	0		6	2	1
NEWTON 6 SSE	82.1	55.2	68.7		94	1	41	27	55	170	7	0	0	0	6.33	3.35	2.55	17	.0	0		5	4	2
OLNEY 2 S	85.1	58.7M	71.9M	2.7	97	13	42	27	23	228	12	0	0	0	3.69	.91	1.60	17	.0	0		5	2	1
PALESTINE	82.4	59.4	70.9	2.4	93	9	42	27	28	210	6	0	0	0	4.36	1.17	1.55	17	.0	0		6	3	2
PARIS WATERWORKS	80.2	58.3	69.3	1.5	90	22+	40	27	34	169	2	0	0	0	2.60	- .73	.97	17	.0	0		6	2	0
SALEM	84.4	59.3	71.9		95	8	43	27+	24	235	10	0	0	0	1.91		1.10	17	.0	0		4	1	1
TUSCOLA	81.8	56.8	69.3		92	8	40	28+	42	179	6	0	0	0	4.69	1.50	1.08	17	.0	0		8	5	1
VANDALIA 3 ENE	83.6	55.5	69.6		96	1	41	27+	50	197	11	0	0	0	4.32		1.69	2	.0	0		3	3	2
WINDSOR	82.6	57.9	70.3	2.7	93	8	41	26	29	192	3	0	0	0	4.61	1.26	2.48	16	.0	0		5	2	2
DIVISION			69.8	1.8											4.23	1.08			.0					
* * *																								
SOUTHWEST 08																								
ANNA 1 E	86.6	61.4	74.0	4.2	101	9	45	26	20	299	15	0	0	0	2.61	- 1.00	1.30	17	.0	0		4	2	1
BELLEVILLE SO IL U	84.1	58.9	71.5		96	9+	40	26	28	229	7	0	0	0	4.50		2.18	2	.0	0		5	3	2
CAHOKIA	85.7	57.9	71.8		97	9+	44	30+	36	247	13	0	0	0	6.43		2.10	2	.0	0		6	5	3
CAIRO WSO CI R	83.8	65.3	74.6	2.6	99	9	53	27+	14	309	12	0	0	0	2.35	- 1.12	.79	22	.0	0		6	1	0
CARBONDALE SEWAGE PL	84.6	57.1	70.9	1.3	98	7	43	28+	41	224	9	0	0	0	3.93	.47	1.81	17	.0	0		3	3	2
CARLYLE RESERVOIR	82.3	58.6	70.5	1.6	96	9	41	26	38	209	8	0	0	0	3.65	.47	1.41	2	.0	0		5	2	2
DU QUOIN 4 SE	83.0	57.6	70.3	.6	98	1	43	26	42	211	9	0	0	0	4.60	1.45	1.10	6	.0	0		5	5	3
KASKASKIA R NAV LOCK	84.3M	57.4M	70.9M		99	8	42	27	48	234	11	0	0	0	2.82		1.35	17	.0	0		7	1	1
MARION 4 NNE	85.4	57.2	71.3		98	14	43	27	43	239	12	0	0	0	3.48	.19	1.92	17	.0	0		5	2	1
NASHVILLE 4 NE	83.4	60.9	72.2		97	1	44	26	23	243	8	0	0	0	4.51	1.28	1.65	2	.0	0		4	4	2
SPARTA	84.9	60.6	72.8	2.4	98	13	45	26	20	261	9	0	0	0	3.49	- .10	1.15	17	.0	0		9	2	1
WATERLOO	83.7	60.6	72.2		97	1	42	26	35	255	11	0	0	0	3.80	.33	2.12	2	.0	0		4	2	2
DIVISION			71.9	2.1											3.85	.43			.0					
* * *																								
SOUTHEAST 09																								
ALBION	88.0	61.5	74.8		99	9	44	26	6	305	15	0	0	0	2.70	- .32			.0	0				
BROOKPORT DAM 52	86.4	61.8	74.1		99	9	47	26+	18	297	13	0	0	0	4.87	1.29	3.00	23	.0	0		4	2	2
DIXON SPRINGS AGR C	86.3	60.6	73.5		96	10+	43	27	20	280	12	0	0	0	4.38		1.32	17	.0	0		5	4	2
FAIRFIELD RADIO WFIW	86.0	58.7	72.4	3.4	98	13+	42	27	20	249	11	0	0	0	4.08	1.04	1.76	17	.0	0		7	3	1
HARRISBURG	86.4	60.9	73.7	3.5	97	9+	44	27	17	283	14	0	0	0	5.23	2.42	1.69	17	.0	0		5	4	2
MC LEANSBORO 2 ENE	86.0	57.6	71.8	1.8	99	14	43	26	34	246	12	0	0	0	2.78	- .55	1.42	17	.0	0		3	3	1
MT CARMEL	83.6	59.2	71.4		99	10	46	27+	30	228	9	0	0	0	3.45		1.46	23	.0	0		4	3	2
MT VERNON 3 NE	85.4	56.1	70.8	1.3	98	14	42	27+	34	213	11	0	0	0	2.95	- .58	1.68	17	.0	0			2	1
REND LAKE DAM	84.7	59.9	72.3		98	14	48	27+	28	254	12	0	0	0	3.45		1.45	23	.0	0		4	2	2
ROSICLARE	83.7	61.2	72.5		94	1	44	27	19	253	9	0	0	0	3.59	.70	1.08	23	.0	0		6	3	1
DIVISION			72.7	2.9											3.75	.61			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
ALEDO	4.52	1.78			.48	T	.38			.09			.70	.30			.50	.14					.15									
DIXON 2 W	5.54	.91	.05		.23			.92		.04	.27		.48	.43				1.02			.59		.01	.46						.13		
FREEPORT WASTE WTR PLT	6.49	1.42	T		.46			.70	.13	.38			.59	1.22	.19	T		.30			.50		.03	.12		.01				.44		
FULTON DAM 13	4.60	.41	.15		.67	T		.47		.20			.58	1.40				.30			.24		T	.10		T				.08		
GALENA	6.72	.15			.65			1.21	.02	.02			1.02	1.56	.11	T	.02	.22			1.39	.16			.05			T	.14			
GALVA	4.27	1.57	.13		.26	.25	.08	.02		.17	.02		.34	.26	.01		.03	1.08				.05										
GENESEO	2.81	.71			.51		.01	.04		.04		T	.38	.16	T		.74	.01			.09		.12						T			
HENNEPIN POWER PLANT	4.37	2.00	.04		.15	.07	.01	.43	T	.01			.21	.17		T	.10	1.03	.01		.06	.01		.07								
ILLINOIS CITY DAM 16 //	4.68	1.80	.27		.82	.33		.27		.11			.18	.26				.40					.20			.04						
KEITHSBURG	4.17	1.70	.14		.41	.01	.05		.20		T		.64	.32	.01	T	.15	.53	.01				T	T								
KEWANEE 1 E	2.41	.10			.48			.04		.15	.02		.36	.20		T	.02	1.04				T	T									
MOLINE WSO AP R	2.94	.83			.63	T	.03	T		T		T	.57	.20	T		.64	T					.04			T			T			
MORRISON	3.69	.51	.10		.47	.03	.02	.70	.01	.14			.66	.64	.02						.02	.09	.05	.09						.14		
MOUNT CARROLL	5.66	.47	.02		.80			.83	T	.27			1.05	1.35	.03	.02	T	.28			.41	.01	.01	.01		T			.05	.05		
NEW BOSTON DAM 17	5.83	2.62	.35		.44	.20	.02	.66		.20			.31	.31	T			.57					.12	.03								
PAW PAW	6.08	1.90	.02			.12	.10	.48	.45	.14	.98		.33	.34			T	1.00			.05			.06						.11		
ROCHELLE	5.65	1.31	T		T	.09		.80	.41	.53	T		.27	.57	T			.82			.22	T	T	.59		T			.04	T		
ROCKFORD 6 ENE	5.80	.44	.04		.23			.94	.22	.63			*	1.54	.27			.54			.48			.33		.03				.11	T	
ROCKFORD WSO AP //R	6.13	.44			.12			2.20	.03	.41		T	1.30	.13	T		.56				.56		.24		T	T			.14			
STOCKTON 1 N	6.65	.60			.70			1.48	.62	.06			.57	1.41	.12	T	.03	.35			.41	.05	.03			T			T	.22		
TISKILWA 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WALNUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTHEAST 02																																
ANTIOCH 2 NW	6.44	.67	.02					.44	.18	1.00	.16			1.47		.05		1.15			.34	.03		.82			.11					
AURORA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARRINGTON	5.82	.85	.01		.03			.40	.70	1.09	T		.08	.57	.04	.01	T	1.30	.01		.28	T	T	.45		T						
CHANNAHON DRESDEN ISL	6.98	2.04	.01					.45	1.36		.15		.20	.35	.02	.02	T	1.91				.03		.10						.34		
CHICAGO O'HARE WSO AP R	5.65	.49	.21		T			1.79		.68			.43	T	T	T	1.16	.13			.16		.48			.12			T			
CHICAGO UNIVERSITY //	5.44	.77						.45	1.02	.13			.15	.04		.12	.02	1.74			.23			.74			.03					
CHICAGO MIDWAY AP //R	5.12	1.02	T		T			.69	.07	.34			.28	.08	T	.03	1.70	.26			.31		.25			.09			T			
DE KALB	8.56	1.01	.01		.07	.01	T	1.38	2.17	1.05			.42	.56		.02	.05	.90			.33		.56						.02			
ELGIN	9.02	1.48			.02			*	2.22	2.44	.15		.95	.04		.01	.02	1.23			.05			.40			.01					
GEBHARD WOODS ST PARK	7.10	2.38	.05			T		.10	1.90	.20			.32	.22	T	T	.10	1.67						.08						.08		
JOLIET BRANDON RD DAM	7.86	2.74	.02	T				.51	1.31	.08	.27		.07	.15		.02	.02	2.25			.02	.03		.16						.21		
MARENGO	7.88	.50	.52		.10			.50	1.21	.48	.04		.15	1.21	.33	.02	.01	1.67			.67	.01	.01	.42		.01	.01			.01		
MARSEILLES LOCK	5.62	1.85	.08			T	T	.01	1.01	.10	.06		.26	.39		T		1.54			.11	.11		.07						.03		
MC HENRY LOCK AND DAM	7.36	.98	.21		T			.45	.36	1.63	T		.12	1.09	T	.01	T	1.12			.89		T	.49		.01	T					
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTTAWA	5.14	2.30	.04		.02			.35	.13	.08			.47				T	1.33			.25		.12						.05			
PARK FOREST	5.83	2.00	.03					.31	.72	.05	.22		.01	.23		.03	.07	1.80			T		.30							.06		
PEOTONE	6.47	1.23	.13					.98	1.32	.05	T			.43			.12	2.09						.12						T		
PERU 2 W	6.34	3.10			.24					.22			.28	.21			.23	.92		.15	.48	.20	.31									
STREATOR 2 ENE	4.09	.67			.04			.22	.43	.18			.37	.13		.03	.09	1.90			.03											
UTICA STARVED ROCK DAM	6.23	2.24	.08			.08	.04	.42	T	.03	.21		.30	.20		.03	.11	1.76			.13	.48		.12								
WAUKEGAN	5.92	.93	.71		.04			.04	.54	.75	.43		T	.50	T	.01	T	1.04			.19	.07	.05	.43		.01	.18					
WHEATON 3 SE	6.05	.95							2.02		.43			.39		T		1.45	.02		.07			.61			.11			T		
WEST 03																																
AVON 5 NE	4.98	1.07	.23			.41	.30			T			.34	.29			.99	1.35														
BENTLEY 1 E	6.40	1.46	.36		.91	.56	.17			T			.12	.94			1.71	.17					T					T				
CANTON 1 ESE	5.05	.80	.20		.05	.85	.10	.08					T	.47			1.05	1.45														
GALESBURG	5.99	3.06	.20		.12	.40	.07	.23			.01		.70	.21			.34	.65														
GLADSTONE DAM 18	7.26	3.18	.32		.74	.25	.16	.47					.50	.31		T	.26	1.07														
GOLDEN 1 NW	5.66	.87			1.19	1.24	.12							1.25			.29	.70														
LA HARPE	8.39	1.82	.62		.64	.30	.25	.30		.10			*	.54			1.34	2.48														
MACOMB	7.04	.68	.45		.21	.50	.42	1.03		.08			.10	.75			1.61	1.21								T						
MONMOUTH	6.41	2.53			.56	.12	.26			.02			.52	.25			1.65	.50														
MOUNT STERLING	-	-	-		*	*	1.73						*	*	*	*	*	2.34														
PAYSON	5.28	.23	1.49		.10	.36	1.12	.10		T	.12		.12	.77		T	.20	.67						T		T						
QUINCY FAA AP	5.46	1.36	.02		.77	.65	.13			.02		T	.06	1.38		.22	.83						T		.02	T						
QUINCY DAM 21 //	6.48	.56	1.50		.35	.50	1.73	.02			.11	T	.10	.86			.14	.61								T						
QUINCY MEMORIAL BRIDGE	5.25	.47	1.21		.27	.49	1.29				T		.08	.74			.15	.51						T		.04						
RUSHVILLE	5.16	.43	.47		.68	1.18	.17						.05	.44	.02		.65	1.07								T						
CENTRAL 04																																
BLOOMINGTON WATERWORKS	5.20	.65	1.79		T	.02		.30			T		.05	.40		T	.78	1.21														
BRADFORD 1 W	4.02	*	2.23			.49					.09		.28	.19		.07		.63			.04											
CHENOA	3.63	.43	.54			.02		.20		T			.10	.14	.08	T	.32	1.80			T											
CHILLICOTHE	3.92	1.10	.36			.25		.08			T		.17	.28		.02	.42	1.24														
CLINTON 1 SSW	3.80	.37	.47	01		T	.20	.01	T		.02		.03	.22	.33		.70	1.40								.04						
DECATUR	5.02	.28	.54				.60	.01					.01	.14	.25		1.51	1.55						.13								
FARMER CITY	3.48	.27	.27				.22		.20		.05			.27	.09		.83	1.19								.09						
HAVANA 4 NNE	6.26	.80	1.34			.45	.43	.15			.09		.06	.42		T	1.34	1.18								T						
LACON 2 E	4.36	1.71	.03		.20	.02		.34		.04			.38	.45		.03	.15	1.01					T									
LINCOLN	4.53	.58	.50			.06	.18	.02			.02		.03	.52	.19		1.23	.98								.22						
MACKINAW	2.94	.40	.35		.19	.16		T		.04			T	.30				1.50														
MASON CITY 1 NW	5.38	.40	1.12		.51	.17		.05		.04			.12	.40			1.27	1.30														
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT PULASKI	4.05	*	.48			T	.20	T						.51		*	*	2.86														
NORMAL	4.41	.45	1.10		.02	.17		.18		T			.15	.31		T	.78	1.25														
PEORIA WSO AP //R	4.09	.97	.10		.30	.15	.02	T		T			.10	.26		.04	2.15	T							T							
PETERSBURG 3 SSW	5.06	.60	.78			.18	.51	.15					.22	.27		T	1.64	.71														
PRINCEVILLE	4.25	1.58	.02		.66	.14	.02			.05			.32	.32			.29	.82				.03										
EAST 05																																
DANVILLE	3.47	.49	.46			.10		.46	.10				.03	.28	.01		.60	.87					.06			.01						
DANVILLE SEWAGE PLANT	-	.60	-				.08		.42	.06				.01	.32		.21	1.15						.26		T						
FAIRBURY WATERWORKS	3.50	.44	.87				T		.25		T			.17	.09	T	T	1.68				T										
GIBSON CITY 1 E	3.98	.38	.85			T	.04		.33	.02				.32	.11	.01	.70	1.17								.05						
HOOPESTON 1 NE	3.36	.18	.59				T		.85	T	T			.12	T	T	.43	1.18	T					T		.01						
KANKAKEE WTR POLL CTR	4.38	.75	.32					.74	.56					.45			T	1.50			.06											
MONTICELLO 2	3.28	*	.84				.20		.34					.10			.75	1.04						.01								
PIPER CITY 3 SE	4.53	.64	1.01			T			.23	.02	.01		T	.48	.04	.01	.29	1.80						T								
PONTIAC	4.08	.75	.40						.24		T		.08	.67	T	.02	.12	1.67				.12				.01						
RANTOUL	3.81	.85	.37				.17		.48	.04	T			.10	.08	.03	.74	.95						T								
SIDELL	2.96	.07							.24	.02	.06		.02	.03			.54	1.35						.25		.38						
URBANA	3.34	.35	1.04			.08		.25	.02	T			.05	.05		T	1.42	.08					T									
WATSEKA 2 NW	6.12	.17	1.56					T	1.43					.58	.02		.37	1.97	T					T		.02						
WEST SOUTHWEST 06																																
ALTON DAM 26	3.00		.68			.30		.16							.15		.04	1.67														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BEARDSTOWN	6.43	27	.57		.22	1.21	1.12	.16					10	.62			1.00	1.16								T						
BLUFFS	4.85	*	1.23		*	*	*	1.90	.05				.32				*	1.35														
CARLINVILLE	4.83	.20	.07		.82	.74		.13					T	06			44	2.26					11									
EDWARDSVILLE 1 NE	3.08		.44			.07		.76							.17		05	1 52						.07								
GRAFTON	3.12	T	.29			.45	.05	.03							.11		31	1.88														
GREENFIELD	4.19	.10	.45			.86	.85	.10							.11		71	1.01						T								
GREENVILLE 1 E	4.27		1.29			.29	.27	.26									.27	1.89														
GRIGGSVILLE	4.87	.26	.65			1.05	1.01	.11					.04	.23	.07		.40	1.04								.01						
HILLSBORO	3.98	.13	1.00			.22	.13	1.10		T				T			.90	.15						35		T						
JACKSONVILLE 2 E	6.38	.59	1.09			.55	.86	.46					.04	.51	.16		.57	1.52						.02		.01						
JERSEYVILLE 2 SW	2.97		.31			.23	.21	.08						.04	.07		.46	1.31						.26								
KINCAID	3.97	.19	.20			.11	.97						T		40		1.01	1.09														
MEDORA	4.67	.30	.21		.76	.37		.67						.18			.30	1.70						.18								
MORRISONVILLE	3.91	T	.10			.33	.49								.12		1 03	1.82						.02								
MOUNT OLIVE 1 E	2.83		.66			.22	.27	.36										1.32						T								
PANA	5.04	T	1.12			.68	.46	.02					T		.01		1.46	1.26						.01		.02						
SPRINGFIELD WSO AP R	4.95	.72	.25		.11	.56	.07						.22	.15		.05	2.74	.01					.06		.01	T						
VIRDEN 1 N	4.81	.38	.49			.43	.68	.88					.10	.20	.10		.53	.92						.10								
VIRGINIA	5.63	.55	.54			.52	.74	.63					.01	.66	.02		97	.83								.16						
WHITE HALL 1 E	3.14	.25	.19		.60	.51		.17					.01				.51	.90	T													
* * * EAST SOUTHEAST 07																																
CASEY	4.48		1.74			.29	.06		T					T	T		.82	1.54	.02					.01	T							
CHARLESTON	4.36	.62	.76			.23	.07										1.20	1.28						.20								
CLAY CITY 6 SSE	4.44		.67			.27												1.87						1.63								
DIONA 3 SW	4.14	.05	.59		.07												2.05	1.38														
EFFINGHAM 3 W	6.17		1.83			.68	.09	T							T		.99	2.53						.05		T						
FLORA 5 NW	3.55	.03	.99		.14	T								.02			.51	1.32					.54									
GREENUP	5.49	.04	1.72			.64	.05	.07									.08	2.87						.02								
HUTSONVILLE POWER PL	5.10	.75	1.52	.02		.25	.06										.20	2.00	T					.30								
LAWRENCEVILLE	3.77		.81			.12									T			2.46						.38								
MATTOON	4 15	.82	.40		.32	.10		T		.01							2.40	.08					.02									
MOWEAQUA	3.94	.07	.11		T	.40				T				.16			2.20	.85					T			.15						
NEWTON 6 SSE	6.33		2.43			.69											.55	2.55						.11								
OLNEY 2 S	3.69		.48		.42												.37	1.60					.82									
PALESTINE	4.36	.25	1.18		.26	.02											.95	1.55					.15									
PARIS WATERWORKS	2.60	.36	.33		.02	.12		.05	T				T				.65	.97					.10			T						
SAINTE MARIE	5.78		1.88			77	T										25	2.66						.22								
SALEM	1.91	.09	.40		.02			.08						T			.10	1.10					.12									
TUSCOLA	4.69	.04	.53		.21	88		.50	T	T				.01		T	.75	1.08					42			.27						
VANDALIA 3 ENE	4.32		1.69			.07	.07	.05									.67	1.65						.08		.04						
WINDSOR	4.61	.03	.46		.26	.15							T	T			2.48	1.23					T			T						
* * * SOUTHWEST 08																																
ANNA 1 E	2.61		.10		.01					.02							.33	1.30						.85								
BELLEVILLE SO IL U	4.50	.10	2.18			.03											.12	1.47					.52			.08						
CAHOKIA	6.43	T	2.10				.80	.60							T		T	1.60						1.10		.23						
CAIRO WSO CI R	2.35		.21		.26		.05										.41	.21					.79	.41	T	.01						
CARBONDALE SEWAGE PL	3.93		.04	T		T		1.00							.05		.04	1.81						.99	T							
CARLYLE RESERVOIR	3.65		1.41			.47	T	.20							.08		.01	1.04	.01					43								
CENTRALIA	4.51		1.27			.07		1.23										1.34						.60								
CHESTER	3.72		.57		.15		T	.28			.10				.03		.10	1.43						1.03		.03						
DU QUOIN 4 SE	4.60	.90					1.10	.52									1.05	.03					1.00									
GRAND TOWER 2 N	3.73		.32			.12		.63									.05	1.88						.73								
KASKASKIA R NAV LOCK	2.82		.17		.10	.12		.27			40					.03		1.35						.38		T						
MARION 4 NNE	3.48		.10		.10	.04	.02	.36									T	1.92						94								
NASHVILLE 4 NE	4.51		1.65					.97							.06		T	1.27						.54		.02						
PRAIRIE DU ROCHER 1WSW	4.91		1.12		.13	.03	T	.23			30				.28		.20	1.25						1.35								
RED BUD 5 SE	3.66	.80			.08	.09		.88		T					.30			.85						.66					T			
SPARTA	3.49	.12	.42		.13	.11		.74						.24			.25	1.15					.33									
WATERLOO	3.80		2.12			.04		.33									.05	1.03						.23								
* * * SOUTHEAST 09																																
ALBION	2.70		.17	.06													19	1.00					*	1.28								
BENTON FOREST SERVICE	4.04		.60					.53										1.35						1.56								
BROOKPORT DAM 52	4.87		T	.22	T	.15		.04	.02									1.37	.04					3.00	.03	T						
CARMI 6 NW	2.35		.39															1.30						.66								
DIXON SPRINGS AGR C	4.38		.70		.05			1.17									.15	1.32						.99								
FAIRFIELD RADIO WFIW	4.08	.54	.43		T	.17		T									.33	1.76					.20	.65								
GOLCONDA DAM 51	3.59		.48	.27		.18		.55										1.12	.04					.95								
HARRISBURG	5.23	.03	.13		05			.75									91	1.69	T				.03	1.64	T							
HARRISBURG DISPOSAL PL	5.91		.05	T		.07		1 13										2.82	T				.01	1.83								
MC LEANSBORO 2 ENE	2.78		.55			.01		.03							T			1.42	.04					.73								
MT CARMEL	3.45			.58							17							1.24						1.46								
MT VERNON 3 NE	2.95	*	.27					.10									.01	1.68		.02				.85		.02						
RENO LAKE DAM	3.45		.49					.34			T						T	1.17					T	1.45								
ROSICLARE	3.59		.74		.25			42									.12	.98						1.08								
SHAWNEETOWN NEW TOWN	5.42		.58	T		.76		.06		.12								2.22						1.68	T							
WAYNE CITY 1 N	3.03		.26															1.75						1.02								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	83	82	86	82	84	87	86	94	90	74	80	87	85	80	69	72	66	79	83	89	85	80	67	70	66	62	70	78	77	81		79.1
	MIN	64	59	60	63	59	62	62	68	68	49	50	60	63	58	56	50	42	48	55	66	60	65	41	41	52	36	46	51	49	50		55.1
DIXON 2 W	MAX	81	77	79	83	84	83	84	84	91	74	72	78	81	81	65	66	70	64	77	81	85	80	80	64	71	69	60	69	60	77		75.7
	MIN	64	62	56	57	52	56	59	59	65	48	46	48	60	57	54	54	43	44	45	53	61	61	40	42	42	37	37	42	42	44		51.0
FREEPORT WASTE WTR PLT	MAX	79	78	79	84	78	83	83	83	92	74	74	78	79	82	64	66	66	63	76	81	86	79	71	64	69	66	61	70	60	77		74.8
	MIN	65	61	56	60	52	54	58	60	68	48	50	50	61	58	54	55	43	43	49	49	63	62	42	43	44	38	39	45	45	45		52.0
FULTON DAM 13	MAX	81	78	80	86	78	83	80	83	91	73	74	78	81	82	65	68	68	65	77	81	87	80	71	64	68	65	64	70	64	76		75.4
	MIN	67	65	60	60	58	61	63	63	63	57	52	51	62	62	57	57	51	47	47	53	64	64	50	47	46	44	44	43	49	49		55.2
GALVA	MAX	83	75	82	85	80	82	87	84	92	76	76	79	82	84	67	67	77	67	77	81	87	82	83	68	71	69	69	69	76	77		77.8
	MIN	65	63	61	62	61	61	64	65	65	50	50	55	61	58	56	57	44	46	49	57	63	61	42	45	47	36	40	46	50	52		54.4
GENESEO	MAX	77	80	85	80	84	85	84	94	78	74	80	83	83	70	69	73	66	80	81	89	81	79	66	71	67	61	71	72	77	80		77.3
	MIN	66	63	59	64	60	63	63	66	55	51	52	62	65	58	56	52	46	50	53	65	63	53	44	43	47	39	48	52	48	52		55.3
HENNEPIN POWER PLANT	MAX	84	76	82	86	82	83	86	85	90	78	75	79	83	84	68	69	78	68	77	84	88	83	84	68	72	73	64	71	67	73		78.0
	MIN	66	66	57	61	59	61	63	63	68	54	49	54	64	62	58	58	49	45	52	58	65	67	47	41	47	40	43	45	44	45		55.0
KEWANEE 1 E	MAX	82	75	81	84	81	81	86	82	92	75	74	78	81	82	68	68	76	66	76	82	85	81	83	66	71	70	62	68	73	77		76.9
	MIN	64	62	57	62	56	59	62	64	71	48	47	58	63	58	55	57	44	43	50	61	61	61	42	39	48	38	39	46	41	45		53.4
MOLINE WSO AP	MAX	77	81	85	79	83	85	85	93	79	74	80	86	83	68	68	70	65	80	82	88	81	78	66	70	66	61	72	76	78	81		77.3
	MIN	65	62	60	62	58	61	65	68	54	48	49	62	63	59	57	51	46	48	52	66	63	51	42	41	45	37	48	49	44	48		54.1
MORRISON	MAX	82	78	80	84	78	84	85	82	92	76	73	79	82	83	66	67	69	67	79	82	87	82	75	66	70	67	62	71	66	77		76.4
	MIN	65	61	56	56	55	59	61	63	65	50	48	48	62	59	56	56	43	44	45	53	62	63	41	40	43	39	39	45	43	43		52.1
MOUNT CARROLL	MAX	80	76	79	84	78	82	84	82	90	76	73	77	79	82	65	66	66	65	76	80	87	79	72	65	68	65	60	70	66	76		74.9
	MIN	63	57	52	57	49	54	57	59	64	41	43	46	60	58	54	54	39	41	47	51	61	60	35	37	39	33	33	41	39	41		48.8
PAW PAW	MAX	80	75	78	81	81	87	84	79	87	74	74	76	79	82	67	64	72	63	74	83	85	80	81	65	71	71	60	67	60	78		75.3
	MIN	65	64	57	59	55	61	58	60	67	48	48	54	57	60	55	55	45	45	40	52	64	67	41	45	45	38	37	45	49	49		52.8
ROCHELLE	MAX	80	76	78	82	79	83	82	80	90	75	72	77	79	80	66	64	69	64	76	80	84	80	81	63	69	70	60	68	62	76		74.8
	MIN	64	63	57	58	52	55	59	60	66	47	46	49	59	58	54	54	44	44	46	54	62	62	43	43	44	39	37	37	48	47		51.7
ROCKFORD WSO AP	MAX	77	80	85	80	81	84	82	88	75	73	77	79	82	70	67	69	63	77	81	85	78	75	63	69	70	59	69	62	77	78		75.2
	MIN	65	59	57	58	51	60	60	65	52	48	50	61	67	58	56	52	45	45	52	65	64	49	44	43	45	39	46	46	45	48		53.2
STOCKTON 1 N	MAX	78	76	77	83	73	81	81	81	89	72	71	76	78	81	67	65	63	63	74	80	84	76	70	62	67	64	59	68	61	74		73.1
	MIN	64	59	55	62	49	54	58	60	65	49	48	52	60	58	54	54	40	43	49	53	62	61	39	39	44	37	42	47	43	48		51.6
TISKILWA 2 SE	MAX																																
	MIN																																
WALNUT	MAX																																
	MIN																																
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	76	77	77	82	79	80	77	67	81	73	71	73	71	81	65	63	67	62	73	77	80	75	72	62	68	68	57	69	65	75		72.1
	MIN	67	66	56	56	53	52	59	60	59	48	48	51	60	60	53	53	48	43	48	49	64	60	44	43	43	40	38	45	45	48		52.0
AURORA	MAX																																
	MIN																																
BARRINGTON	MAX	81	77	78	82	78	80	79	69	83	78	72	75	74	81	67	67	69	63	74	78	85	84	81	64	69	70	58	68	73	76		74.4
	MIN	66	65	56	63	53	56	60	59	65	46	49	52	56	60	55	55	45	44	47	55	62	61	43	40	44	38	40	45	45	48		52.4
CHICAGO O'HARE WSO AP	MAX	82	81	85	84	81	82	73	86	74	75	74	77	81	71	64	73	62	75	80	90	79	84	63	70	73	58	68	69	77	78		75.6
	MIN	66	60	59	68	59	64	62	66	57	52	51	60	67	57	57	54	45	45	57	67	69	55	46	45	49	42	49	53	55	52		56.3
CHICAGO UNIVERSITY	MAX	83	81	83	84	83	80	80	80	82	73	74	77	83	83	66	68	73	71	78	80	88	85	84	69	72	73	66	68	77	79		77.4
	MIN	67	69	60	70	61	65	61	64	68	54	55	61	66	65	57	46	50	48	57	64	73	64	52	49	54	44	45	46	45	54		57.8
CHICAGO MIDWAY AP	MAX	80	82	85	82	81	80	69	85	75	75	77	75	84	70	65	73	62	74	81	87	81	84	64	71	73	59	67	66	78	80		75.5
	MIN	66	60	58	65	60	63	61	64	55	51	51	61	67	57	57	52	48	47	54	64	66	55	47	44	48	44	44	48	50	49		55.2
DE KALB	MAX	78	80	82	81	80	84	81	88	85	73	76	76	79	78	64	70	65	75	80	85	85	81	69	70	71	63	68	68	77	80		76.4
	MIN	64	64	57	62	54	61	58	62	66	49	49	59	64	60	53	52	49	46	52	62	66	63	43	44	53	38	42	45	50	47		54.5
ELGIN	MAX	77	76	78	82	79	79	82	69	84	74	71	75	74	80	65	63	69	63	73	78	85	78	80	63	69	70	58	67	61	75		73.2
	MIN	64	65	57	58	46	55	59	56	62	50	48	51	58	60	54	53	45	43	44	53	62	56	43	43	44	35	38	40	45	47		51.1
GEBHARD WOODS ST PARK	MAX	81	78	81	85	84	82	80	73	85	77	75	78	78	85	69	66	76	67	75	81	87	80	83	66	71	74	61	67	63	77		76.2
	MIN	67	68	58	59	60	60	60	59	63	50	50	49	58	64	55	57	49	48	50	53	65	63	45	43	45	40	41	46	45	47		53.9
JOLIET BRANDON RD DAM	MAX	83	79	81	82	83	80	85	73	85	76	74	77	77	85	70	67	75	66	75	83	89	81	86	66	71	79	68	68	65	79		76.9
	MIN	63	64	57	59	58	58	56	58	64	49	49	51	58	63	54	55	47	45	46	53	62	66	45	45	46	39	39	45	47	49		53.0
MARENGO	MAX	78	77	79	82	79	80	82	70	86	74	72	77	75	82	65	64	68	63	76	79	84	78	79	63	70	70	59	68	66	77		74.1
	MIN	65	64	53	54	50	50	58	58	60	45	45	48	59	58	53	53	42	42	46	49	63	61	40	40	40	36	37	45	45	44		50.1
OTTAWA	MAX	84	83	87	84	84	89	84	91	89	78	82	82	86		80	79	70	79	85	90	86	87	71	75	76	65	70	65	82	84		80.9
	MIN	66	68	59	65	61	63	62	67	71	49	49	61	67		58	61	49	49	54	65	72	66	45	44	51	40	44	46	47	48		56.8
PARK FOREST	MAX	81	79	80	84	82	79	81	72	84	72	74	76	74	84	70	66	74	63	74	80	87	82	85	69	72	74	59	67	69	79		75.7
	MIN	66	66	57	64	59	62	57	57	65	47	49	53	58	64	55	56	48	45	51	55	65	65	44	42	42	39	42	45	50	50		53.9
PERU 2 W	MAX	83	83	84	84	90	87	84	90	88	78	80	84	85	80	81	78	77	78	82	90	88	84	80	75	73	67	67	65	79	82		80.9
	MIN	64	58	58	64	65	61	62	69	68	42	50	59	62	56	56	52	45	51	53	61	66	69	42	40	46	41	47	45	43	45		54.7
WAUKEGAN	MAX	78	78	78	79	82	80	75	68	78	73	72	75	71	81	69	63	69	59	74	78	82	77	78	60	68	70	55	69	67	77		72.8
	MIN	64	65	57	57	53	52	59	58	59	49	47	52	59	59	54	54	47	44	44	53	62	61	44	42	40	39	38	48	45	49		51.8
WHEATON 3 SE	MAX	78	80	83	82	80	84	80	84	84	74	78	76	88	77	65	72	65	76	81	88	87	82	68	71	72	64	68	64	79	80		77.0
	MIN	66	67	55	65	55	60	59	65	69	48	48	60	66	60	56	59	49	44	51	64		65	44	42	49	40	41	45	46	47		54.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	77	82	93	80	80	87	85	94	77	75	78	82	84	69	68	78	67	78	82	88	84	83	68	72	69	63	70	74	76	81		78.1
	MIN	64	63	62	63	63	62	65	69	54	49	53	61	60	59	57	51	45	50	57	65	63	53	41	47	44	37	47	52	50	52		55.3
GOLDEN 1 NW	MAX	85	85	87	81	84	90	89	94	90	75	80	90	85	85	74	70	68	80	85	90	90	90	70	75	70	66	65	75	80	82		81.0
	MIN	66	62	62	65	65	65	65	70	73	48	58	63	65	59	60	50	45	44	55	68	67	70	42	43	54	37	45	45	45	50		56.9
LA HARPE	MAX	77	83	86	79	82	88	87	95	87	76	79	88	88	77	71	81	68	81	83	90	86	83	70	73	70	65	70	76	78	81		79.9
	MIN	65	62	59	64	64	64	62	68	69	49	51	52	66	58	59	50	42	48	56	66	64	65	42	42	49	36	44	47	46	51		55.3
MONMOUTH	MAX	80	80	85	80	81	88	86	93	84	76	79	85	85	80	69	79	67	79	82	88	84	83	67	72	68	62	69	75	76	80		78.7
	MIN	64	60	59	53	61	61	61	68	68	47	51	60	62	57	56	53	42	46	55	65	63	64	41	42	47	37	43	49	47	51		54.4
QUINCY FAA AP	MAX	82	86	88	83	88	93	92	96	82	78	82	94	90	73	75	83	70	82	86	93	92	88	70	74	69	62	63	72	75	77		81.3
	MIN	71	66	64	70	70	71	71	75	62	54	59	67	69	64	65	56	47	54	59	73	72	57	50	46	46	39	44	48	44	51		59.5
OUINCY DAM 21	MAX	87	81	83	86	82	86	91	91	95	79	75	80	93	88	74	78	68	65	79	84	91	90	83	68	74	67	64	65	74	78		80.0
	MIN	65	64	59	60	60	60	63	63	68	52	51	51	62	59	59	45	45	45	45	55	67	64	48	41	44	41	40	45	42	48		53.7
RUSHVILLE	MAX	82	82	81	80	81	88	85	94	92	76	78	85	86	85	71	78	67	77	81	88	88	86	72	74	70	65	66	76	78	82		79.8
	MIN	65	65	50	65	65	62	62	68	67	47	53	64	67	60	60	62	45	49	56	66	66	71	42	43	51	38	44	47	46	49		56.5
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	82	81	84	82	84	82	81	89	85	76	79	81	86	85	70	79	75	80	82	89	85	87	67	72	74	61	76	78	80			79.7
	MIN	65	67	55	64	64	58	61	64	69	51	45	60	65	63	55	65	49	46	52	64	65	65	44	41	50	39	42	44	46	43		55.4
OECATUR	MAX	88	82	89	85	79	92	90	93	85	83	85	88	89	77	77	83	73	79	85	90	90	88	69	80	78	66	70	80	84	85		82.7
	MIN	65	68	66	66	62	60	62	65	70	48	47	60	67	63	58	61	51	46	49	59	72	66	47	42	42	39	38	44	44	47		55.8
FARMER CITY	MAX	77	82	84	86	78	90	83	90	82	78	80	82	89	77	72	79	73	78	83	90	90	91	71	77	77	65	69	79	80	83		80.5
	MIN	67	67	58	66	63	63	63	65	67	51	50	60	67	65	57	59	50	48	54	64	71	69	48	44	55	38	42	45	47	49		57.1
HAVANA 4 NNE	MAX	87	77	84	88	80	81	89	89	93	80	77	82	80	87	72	73	82	79	80	85	92	90	87	70	77	75	65	72	79	82		81.1
	MIN	65	66	58	60	63	61	64	64	66	53	49	51	64	62	59	59	48	46	49	52	67	72	48	41	41	40	39	41	43	44		54.5
LACON 2 E	MAX	84	83	87	86	85	88	86	90	88	77	81	82	85	82	70	78	69	76	84	86	88	86	73	74	74	65	68	80	82	82		80.6
	MIN	65	66	58	64	62	63	62	65	75	56	46	60	66	62	56	59	46	47	53	56	70	67	44	41	50	39	42	48	46	49		56.1
LINCOLN	MAX	80	81	85	82	81	87	86	88	88	77	79	84	86	83	73	80	80	75	82	89	88	88	74	74	74	66	68	77	79	81		80.5
	MIN	66	67	58	67	64	64	65	67	71	51	51	62	66	64	58	60	49	48	53	65	73	73	47	46	54	41	41	46	48	49		57.8
MASON CITY 1 NW	MAX	82	81	85	80	80	88	86	90	87	77	80	85	86		74	79	77	77	82	90	88	87	68	75	74	64	68	78	80	82		80.3
	MIN	66	64	59	65	63	63	65	67	70	50	50	62	67		59	62	47	48	54	65	72	68	45	43	50	39	40	46	46	47		56.6
MINONK	MAX																																
	MIN																																
NORMAL	MAX	80	81	86	85	82	88	87	90	90	75	79	81	86	85	73	78	77	76	83	90	90	87	74	75	74	71	66	77	80	83		81.0
	MIN	66	64	58	69	62	62	68	67	71	51	50	63	67	64	56	61	50	50	57	67	73	74	47	45	53	39	42	45	47	48		57.9
PEORIA W50 AP	MAX	80	82	87	83	81	88	86	90	82	77	80	84	87	74	72	78	67	75	82	88	83	85	67	71	72	61	67	74	78	80		78.7
	MIN	69	67	64	67	66	64	68	69	58	51	52	66	69	64	60	54	50	47	55	66	72	52	46	46	44	39	43	47	48	46		57.0
PRINCEVILLE	MAX	82	82	85	80	81	87	85	91	85	76	80	82	85	81	70	80	67	78	83	87	85	87	81	73	72	63	68	76	80	82		79.8
	MIN	62	62	56	61	57	57	61	63	67	44	46	59	63	57	54	52	42	43	52	63	66	59	39	43	48	35	39	45	46	46		52.9
* * *																																	
EAST 05																																	
OANVILLE	MAX	80	81	84	88	82	89	83	87	86	76	80	79	86	84	70	76	76	76	82	89	89	92	75	77	78	75	72	77	79	83		81.0
	MIN	66	67	55	65	62	62	63	63	68	51	48	56	66	63	58	57	52	45	50	62	71	72	49	44	54	41	39	44	45	48		56.2
HOOPESTON 1 NE	MAX	79	80	83	84	80	88	81	85	83	75	79	73	84	82	69	75	70	74	80	88	87	90	68	74	76	63	71	77	79	82		78.6
	MIN	67	65	57	65	62	62	61	64	69	48	49	57	67	64	56	58	52	45	53	62	71	67	47	44	56	39	41	45	47	49		56.3
KANKAKEE WTR POLL CTR	MAX	86	84	81	83	84	85	84	36	85	76	74	79	76	92	70	67	77	66	75	78	87	90	88	69	73	75	73	70	72	79		78.8
	MIN	58	63	57	59	62	61	59	57	64	50	49	51	59	65	56	57	50	46	48	52	60	66	46	46	45	40	43	44	42	48		53.4
PIPER CITY 3 SE	MAX	82	82	83	85	83	90	80	88	80	77	82	79	88	82	68	78	76	76	82	91	86	91	70	75	77	68	70	78	81	85		80.4
	MIN	65	65	55	64	61	60	60	62	69	47	45	58	65	63	56	58	50	44	50	63	71	68	43	39	50	38	38	43	44	45		54.6
PONTIAC	MAX	82	82	84	82	82	89	85	90	89	76	81	80	87	84	68	77	77	76	83	90	90	85	70	74	75	67	67	76	80	83		80.4
	MIN	66	65	59	67	64	62	63	65	72	51	48	61	67	66	57	61	50	48	53	65	73	70	46	46	52	41	42	46	49	48		57.4
RANTOUL	MAX	82	78	81	84	85	76	89	83	88	83	76	75	80	88	71	68	78	67	76	83	90	90	90	65	75	76	63	70	76	80		78.9
	MIN	65	65	58	62	62	62	64	62	65	47	44	46	58	62	56	55	50	47	48	53	64	71	46	44	44	37	40	42	47	51		53.9
URBANA	MAX	77	81	85	82	79	89	85	89	84	76	81	83	88	75	70	79	67	76	83	89	89	90	66	76	76	64	70	78	80	82		79.6
	MIN	64	60	56	65	62	64	62	64	58	50	49	59	68	58	56	56	49	46	52	60	70	56	47	45	47	40	40	45	48	51		54.9
WATSEKA 2 NW	MAX	81	78	85	87	81	89	89	75	87	78	75	80	76	88	73	69	76	69	75	80	91	85	90	69	76	76	62	74	78	80		79.1
	MIN	65	64	65	61	59	60	63	60	66	49	46	48	61	55	56	53	52	45	49	53	65	67	47	44	46	40	38	41	42	45		53.5
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	92	84	86	88	87	88	94	92	98	88	78	83	93	89	79	81	85	67	76	82	91	90	86	69	77	74	65	67	70	80		82.6
	MIN	70	67	62	64	66	64	65	66	71	54	55	57	66	62	58	59	50	50	52	54	63	69	50	49	51	43	44	45	50	52		57.6
CARLINVILLE	MAX	88	85	89	84	83	92	89	97	88	78	81	90	86	84	80	83	79	78	83	90	91	90	73	76	77	66	67	74	81	84		82.9
	MIN	67	66	57	65	63	65	62	65	70	50	49	62	67	61	57	62	50	46	53	63	71	71	48	42	56	39	40	47	45	49		56.9
GRIGGSVILLE	MAX	82	81	86	80	83	90	88	92	85	74	78	90	85	80	74	80	67	77	81	88	88	85	69	73	71	63	63	73	76	80		79.4
	MIN	68	66	63	66	64	67	66	74	71	50	53	64	68	61	61	53	47	50	58	68	72	69	46	43	54	41	45	49	45	53		58.5
HILLSBORO	MAX	90	85	88	85	80	93	89	95	89	80	82	90	84	78	82	82	80	78	83	90	92	91	75	74	78	75	70	74	82	84		83.3
	MIN	67	64	58	65	63	64	63	65	65	50	50	60	70	60	58	60	49	45	50	65	68	72	47	44	60	40	41	48	45	49		56.8
JACKSONVILLE 2 E	MAX	88	76	83	85	80	83	91	87	94	83	74	79	88	87	71	75	81	68	77	82	90	89	87	62	74	73	64	65	75	79		79.7
	MIN	67	65	58	59	65	64	63	62	68	51	50	51	62	62	60	61	49	47	47	54	62	71	46	41	40	41	39	41	44	44		54.5

SEE REFERENCE NOTES FOLLOWING STATION INOEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
JERSEYVILLE 2 SW	MAX	93	80	84	89	85	85	94	91	97	88	77	81	93	88	80	78	85	68	77	83	90	90	90	66	76	76	65	68	71	80		82.3
	MIN	67	63	53	64	62	62	62	63	67	49	43	57	68	60	54	62	50	44	48	61	65	72	45	39	52	38	37	47	40	43		54.6
MORRISONVILLE	MAX	87	89	85	88	85	84	92	88	93	85	78	81	88	89	77	77	82	79	77	87	90	92	87	68	78	77	65	68	80	80		82.5
	MIN	62	67	56	59	63	64	62	64	67	50	48	54	60	64	59	58	49	45	51	52	63	70	46	43	48	39	39	40	44	50		54.5
PANA	MAX	83	81	83	79	76	86	84	88	86	75	77	84	84	79	74	78	75	74	80	86	88	88	72	73	76	64	66	72	77	80		78.9
	MIN	69	67	59	67	65	67	65	68	70	51	54	61	70	62	58	61	52	49	53	64	70	72	49	47	59	43	43	48	49	53		58.8
SPRINGFIELD WSO AP	MAX	81	82	86	81	80	89	86	90	83	76	80	87	88	75	76	81	70	77	83	90	90	90	63	75	75	64	68	76	80	84		80.2
	MIN	68	64	60	67	65	64	65	67	58	51	51	64	68	64	61	54	49	50	58	67	72	56	49	45	48	40	43	47	49	50		57.1
VIRDEN 1 N	MAX	88	84	89	87	82	92	92	95	90	77	83	90	90	80	80	82	84	78	83	90	91	90	76	76	72	67	67	67	84	84		83.0
	MIN	65	65	57	64	67	62	60	67	67	47	47	62	62	60	59	62	52	45	52	62	72	72	44	42	51	38	49	46	44	48		56.3
WHITE HALL 1 E	MAX	90	80	87	85	83	90	90	94	92	78	80	92	91	87	78	82	77	77	82	90	91	89	75	75	75	67	66	73	78	81		82.5
	MIN	68	66	59	62	64	67	64	68	70	52	51	64	70	62	61	63	49	49	54	63	72	73	49	46	54	41	41	48	46	49		58.2
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	84	85	85	81	81	90	86	91	91	76	80	85	88	85	72	80	74	76	82	87	90	90	75	76	77	72	68	73	77	82		81.3
	MIN	67	60	55	66	61	63	61	63	68	51	48	54	69	65	55	59	52	46	49	59	68	71	50	45	60	40	40	48	46	51		56.3
CHARLESTON	MAX	85	82	83	77	86	89	85	90	87	77	80	89	85	74	78	78	75	81	87	86	88	84	73	77	74	68	72	70	77	81		80.6
	MIN	68	67	57	68	64	66	65	67	71	53	51		71	65	58	61	52	48	52	62	70	65	50	47	61	42	41	51	49	48		58.3
EFFINGHAM 3 W	MAX	90	84	82	84	77	77	86	85	89	87	75	77	85	85	77	74	77	63	73	80	85	88	87	68	73	75	62	65	71	74		78.5
	MIN	69	66	56	57	62	63	62	63	65	51	49	49	59	63	54	54	51	46	46	50	60	70	50	47	47	42	40	40	45	45		54.0
FLORA 5 NW	MAX	97	87	89	84	84	93	91	96	96	81	84	94	95	85	81	81	79	78	85	89	92	90	72	76	79	72	70	73	79	84		84.5
	MIN	72	67	57	68	62	65	64	66	68	56	47	57	73	64	54	61	53	46	50	63	72	70	53	46	58	42	41	51	44	52		58.1
MATTOON	MAX	85	83	87	78	79	91	88	91	88	78	83	89	89	80	75	80	65	77	83	88	90	91	68	78	79	67	70	74	79	83		81.2
	MIN	66	61	56	66	62	64	63	65	62	51	51	59	69	60	57	56	49	46	51	61	68	59	48	46	50	41	40	49	46	51		55.8
MOWEAQUA	MAX	86	82	86	80	80	90	86	90	87	76	81	89	89	82	78	81	76	83	90	90	91	91	76	77	77	67	76	76	80	82		82.5
	MIN	68	68	58	67	64	63	64	67	68	51	50	61	61	63	60	63	53	49	55	64	72	73	49	46	56	41	42	45	50	49		58.0
NEWTON 6 SSE	MAX	94	93	85	88	80	81	90	89	93	93	76	82	91	88	82	77	80	60	77	84	88	91	89	69	78	78	65	68	75	80		82.1
	MIN	71	67	58	58	63	63	64	65	65	53	48	50	56	60	54	55	53	47	49	50	67	71	53	48	49	42	41	43	45	47		55.2
OLNEY 2 S	MAX	95	88	90	83	85	91	94	94	96	82	85	94	97	90	80	80	78	78	87	90	93	92	74	78	80	74	69	74	79	83		85.1
	MIN	72	68	62	69	63	65	65	66	68	55	47	57	74	62	58	62	55	48				70	55	50	59	44	42	52	48	49		58.7
PALESTINE	MAX	91	86	86	80	82	88	88	91	93	79	82	91	90	84	75	79	74	78	85	89	92	89	70	78	78	65	70	76	80	82		82.4
	MIN	72	68	59	69	66	68	66	67	70	54	49	57	70	66	59	61	54	49	53	63	72	70	55	48	60	43	42	52	47	53		59.4
PARIS WATERWORKS	MAX	84	83	84	79	80	89	84	89	87	75	80	81	86	79	70	75	73	75	81	88	90	90	72	77	78	68	71	77	79	82		80.2
	MIN	68	65	56	67	63	64	65	64	71	52	52	59	71	65	58	59	53	48	53	64	71	70	49	48	61	41	40	51	49	53		58.3
SALEM	MAX	93	86	90	85	87	94	91	95	94	81	83	91	92	92	82	84	79	78	86	88	90	89	73	75	79	73	69	71	80	83		84.4
	MIN	68	65	60	66	63	66	62	65	68	58	51	61	75	64	58	63	53	48	52	62	73	70	53	50	61	43	43	55	49	53		59.3
TUSCOLA	MAX	82	85	85	85	80	84	90	92	89	78	81	85	90	87	73	81	77	74	83	90	90	91	72	78	77	65	72	76	79	83		81.8
	MIN	67	68	57	64	63	66	63	65	68	50	50	56	66	65	58	59	51	47	52	59	70	68	48	47	57	40	40	40	48	51		56.8
VANDALIA 3 ENE	MAX	96	91	87	91	82	82	93	90	94	95	80	84	92	87	85	82	83	65	79	85	90	92	91	70	78	80	67	68	72	78		83.6
	MIN	76	67	58	60	63	59	63	64	67	54	50	52	63	62	54	55	53	47	48	52	65	72	50	46	47	41	41	43	47	47		55.5
WINDSOR	MAX	85	83	86	88	79	90	90	93	89	82	82	88	88	77	78	80	80	77	84	89	89	89	73	77	79	71	71	76	82	83		82.6
	MIN	68	66	64	57	63	64	64	66	69	50	52	60	68	63	58	61	51	48	54	62	71	72	49	44	59	41	43	49	49	51		57.9
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	97	90	92	92	91	99	98	99	101	81	88	95	99	90	85	85	82	79	85	90	91	92	75	73	78	70	70	71	80	81		86.6
	MIN	73	68	65	67	63	65	67	66	73	63	52	58	68	69	56	62	55	47	53	72	70	74	58	57	62	45	46	50	63	56		61.4
BELLEVILLE SO IL U	MAX	90	86	88	88	86	93	85	96	96	87	80	93	93	85	81	85	82	77	84	85	89	91	75	75	79	76	68	70	79	82		84.1
	MIN	73	66	58	66	64	71	65	72	68	59	47	60	71	65	52	62	54	44	48	60	70	66	51	45	60	40	43	62	55	49		58.9
CAHOKIA	MAX	97	90	87	89	89	92	95	95	97	94	80	84	94	94	86	82	87	67	78	90	90	93	91	69	77	79	75	72	79	80		85.7
	MIN	70	66	59	64	64	68	68	64	68	60	50	60	65	68	54	62	54	46	45	58	64	72	55	45	59	49	47	46	44	44		57.9
CAIRO WSO CI	MAX	94	88	90	90	91	95	94	96	99	81	84	94	96	91	81	89	66	75	85	86	86	90	68	71	76	65	69	70	75	78		83.8
	MIN	76	72	71	72	70	72	71	71	72	65	59	65	75	68	62	66	57	55	59	70	73	68	61	61	61	53	53	57	60	63		65.3
CARBONDALE SEWAGE PL	MAX	95	96	89	92	88	88	98	94	87	96	81	85	94	97	86	82	85	65	77	85	87	89	92	68	75	80	66	70	72	78		84.6
	MIN	71	69	61	63	62	63	63	64	66	63	48	51	60	67	53	54	56	45	46	50	69	72	56	54	54	44	43	43	51	52		57.1
CARLYLE RESERVOIR	MAX	95	95	85	88	80	86	88	89	96	92	75	81	90	90	82	78	82	65	70	84	87	91	91	68	74	80	65	72	71	78		82.3
	MIN	74	66	64	67	65	66	65	68	71	56	55	52	65	62	56	58	52	48	54	57	66	73	50	50	55	41	43	51	53	54		58.6
DU QUOIN 4 SE	MAX	98	87	89	86	87	95	91	95	94	77	81	93	97	83	80	83	63	75	84	87	90	91	67	77	77	64	70	72	77	80		83.0
	MIN	69	63	62	63	65	64	64	65	66	54	50	59	70	64	51	62	47	44	49	63	72	61	54	52	51	43	45	50	52	55		57.6
KASKASKIA R NAV LOCK	MAX	98	96	87	90	84	89	96	99	95	96	76	82	97		81	89	87	65	76	86	89	91	93	67	75	78	65	70	69	80		84.3
	MIN	67	68	63	61	66	64	65	65	66	61	52	54	68		54	58	55	48	48	55	62	72	56	51	52	47	42	45	47	54		57.4
MARION 4 NNE	MAX	95	96	96	90	87	90	97	93	97	97	82	87	95	98	88	84	84	65	79	87	88	89	96	67	70	79	65	71	72	78		85.4
	MIN	68	68	63	65	63	64	65	65	65	61	47	49	61	67	56	57	54	45	46	52	65	72	56	54	55	45	43	45	50	51		57.2
NASHVILLE 4 NE	MAX	97	86	86	82	88	93	91	95	92	80	82	92	96	81	80	83	80	77	83	87	91	89	71	74	77	72	68	70	78	82		83.4
	MIN	69	68	64	69	66	69	65	69	72	60	58	64	71	65	56	63	53	50	54	64	71	69	54	50	62	44	48	54	52	55		60.9
SPARTA	MAX	95	86	89	85	88	95	94	96	95	80	83	95	98	83	81	85	82	78	85	88	92	93	72	75	78	75	70	71	79	82		84.9
	MIN	74	67	63	69	68	68	65	67	72	58	51	64	69	63	55	64	54	47	54	66	71	69	54	50	63	45	47	52	55	53		60.6
WATERLOO	MAX	97	94	86	88	80	87	95	93	96	94	78	82	95	94	84	79	85	65	78	85	90	91	91	68	76	79	66	69	68	79		83.7
	MIN	75	67	64	67	67	69	65	68	72	58	54	65	70	63	56	63	53	49	55	65	70	75	52	50	55	42	46	53	54	55		60.6
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	96	95	91	91	89	95	95	97	99	95	86	96	98	95	87	82	82	79	87	90	94	91	85	78	79	78	72	74	79	84		88.0
	MIN	65	65	64	64	61	68	65	70	73	58	56	58	70	70	58	61	54	52	55	72	74	74	57	53	62	44	54	56	52	60		61.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
SEPTEMBER 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
BROOKPORT DAM 52	MAX	96	92	91	94	93	90	95	98	99	89	85	95	97	91	85	87	86	77	89	86	87	90	86	71	77	73	70	70	73	79		86.4
	MIN	76	69	67	68	66	66	68	64	67	62	47	56	68	70	59	64	58	49	53	65	74	77	59	59	61	47	48	51	55	60		61.8
DIXON SPRINGS AGR C	MAX	95	96	91	91	89	96	93	95	96	96	84	93	95	93	86	83	83	76	85	86	88	89	89	70	77	77	71	72	74	79		86.3
	MIN	73	69	66	69	64	65	65	65	66	61	50	56	68	68	57	63	57	47	51	63	72	75	59	58	61	44	43	50	55	59		60.6
FAIRFIELD RADIO WFIW	MAX	98	87	88	87	87	94	93	96	96	91	84	94	98	93	83	81	81	78	84	87	91	90	85	77	78	76	70	74	78	81		86.0
	MIN	68	63	64	71	63	63	66	67	68	60	48	56	66	63	56	62	55	49	50	50	72	75	58	52	59	43	42	51	46	56		58.7
HARRISBURG	MAX	97	90	91	91	90	97	93	97	97	86	85	95	96	91	86	82	81	77	87	87	90	92	87	75	77	73	74	73	76	80		86.4
	MIN	75	70	64	70	64	66	67	67	69	60	50	56	71	65	56	63	56	48	51	65	72	75	57	56	61	45	44	52	52	60		60.9
MC LEANSBORO 2 ENE	MAX	97	98	89	90	86	89	97	94	98	96	83	90	95	99	88	84	83	63	78	86	88	92	94	78	78	79	65	71	74	79		86.0
	MIN	70	67	63	63	64	64	66	67	68	58	50	50	60	65	57	59	55	48	48	54	64	74	55	52	53	43	44	46	50	50		57.6
MT CARMEL	MAX	93	96	89	88	87	85	92	90	93	99	80	83	92	96	87	79	79	63	76	85	87	90	89	70	76	78	67	69	73	78		83.6
	MIN	73	68	64	64	67	67	68	68	69	58	54	53	59	66	58	59	53	54	52	54	68	71	58	53	54	46	46	49	51	52		59.2
MT VERNON 3 NE	MAX	97	86	92	89	83	90	94	93	96	96	80	86	93	98	88	83	83	79	76	85	87	91	95	71	78	78	67	77	73	79		85.4
	MIN	67	61	68	67	62	66	56	62	69	60	49	56	63	58	55	61	53	45	48	48	55	70	55	49	51	42	42	47	46	53		56.1
RENO LAKE DAM	MAX	96	96	86	89	84	90	95	91	96	92	90	82	95	98	86	81	84	64	78	86	89	90	91	68	77	78	63	72	78	77		84.7
	MIN	70	66	67	68	66	66	66	66	70	63	54	53	63	68	59	61	55	48	49	49	67	75	59	56	58	48	48	50	52	57		59.9
ROSICLARE	MAX	94	87	88	90	88	92	91	92	93	85	83	91	93	87	83	82	80	73	84	85	86	90	82	71	75	74	69	72	72	78		83.7
	MIN	71	68	65	70	66	67	66	68	67	60	50	64	66	68	58	60	57	50	52	62	71	70	59	58	60	45	44	51	63	59		61.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

ILLINOIS
SEPTEMBER 1980

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	80	80	75	77	76	75	80	78	78	75	73	73	77	76	74	70	71	70	70	72	73	74	74	74	68	64	65	66	66	65		73.0
		MIN	75	74	71	70	73	73	74	73	69	69	68	70	70	71	70	68	67	65	64	65	69	73	68	65	64	63	61	61	61	60		68.1
	8	MAX	79	79	75	75	75	75	76	76	76	75	73	72	74	75	75	72	72	70	70	71	72	73	73	73	69	68	69	68	66	66		72.7
		MIN	76	75	74	73	75	75	75	75	75	73	71	72	72	72	72	72	70	69	68	68	70	71	72	69	68	67	65	65	64	64		70.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.10	*	.27	.15	.07	.01	.12	.07	-	.39	.30	.21	.07	.14	.05	.14	-	.12	.11	.18	.14	.17	.27	.28	.18	.23	.28	.24	.20	.21		5.04B
	WIND	34	22	25	18	31	6	21	30	15	51	13	15	32	32	36	10	49	13	21	34	46	33	51	11	11	72	13	24	7	14		790
	MAX	87	79	88	94	84	87	70	88	96	93	-	-	86	84	72	72	80	79	81	86	89	89	92	82	76	75	65	69	68	80		81.8
	MIN	68	68	76	-	66	56	62	63	65	52	-	-	54	55	50	59	51	50	62	58	65	69	50	50	55	49	49	50	51	53		57.6
EAST 05																																	
URBANA	EVAP	.12	.11	.12	.16	.09	.05	.25	.17	.05	.12	.14	.12	.07	.06	.13	.04	.15	.10	.13	.13	.15	.15	.17	.09	.09	.19	.09	.08	.14	.13		3.59
	WIND	39	39	*	20	21	18	20	19	19	40	12	18	23	37	37	18	48	18	23	28	55	54	61	14	14	55	18	22	21	13		824
	MAX	79	75	85	87	81	77	93	85	88	81	82	81	75	81	79	78	76	72	78	82	84	86	85	67	76	76	69	73	77	78		79.5
	MIN	63	66	59	58	65	65	75	63	62	52	52	52	58	64	57	55	53	50	50	54	57	59	49	46	46	42	42	43	43	49		55.0
WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.13	.18	.27	.06	.09	.13	.23	.23	.13	.20	.13	.28	.26	.19	.16	.32	.14	.36	.28	.16	.26	.26	.18	.09	.20	.17	.10	.14	.19	.13		5.65
	WIND	57	40	57	52	27	8	53	29	53	50	29	88	127	70	36	114	74	32	69	129	138	132	49	16	60	38	30	34	22	18		1731
	MAX	82	87	86	81	80	95	95	94	92	84	83	86	86	74	80	81	75	77	80	86	90	86	76	75	75	67	68	75	80	82		81.9
	MIN	69	67	62	67	67	67	66	69	72	53	55	62	68	63	60	63	51	52	58	62	69	68	50	48	58	42	46	49	51	54		59.6
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.36	.24	.20	.19	.14	.14	.29	.19	.18	.25	.20	.20	.25	.13	.24	.17	.24	.08	.14	.23	.23	.22	.28	.12	.10	.23	.18	.24	.10	.14		5.90
	WIND	102	59	40	35	37	35	49	24	28	79	33	32	76	37	54	41	86	23	27	66	104	90	71	55	22	58	34	17	19	21		1454
	MAX	91	88	91	91	80	83	95	91	97	90	83	83	82	83	85	86	79	66	81	83	86	89	88	67	74	78	76	72	69	82		83.0
	MIN	69	66	64	62	67	67	65	65	70	57	59	58	61	64	63	63	55	51	50	55	61	68	53	50	50	45	46	44	53	53		58.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO IL U	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHICAGO MIDWAY AP R	1577	02	COOK		41 47	87 45	625	8A	8A		C HJ	MATTHEW J LYNCH
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 1 SSW	1944	08	RANDOLPH		38 11	89 36	510				C	C WARREN BIRCHLER
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655		7A			ROBERT D PROVIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 45	88 33	380	6P	6P		H	LAWRENCE L PICHE
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE F COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB
NEW STATIONS												
HARRISBURG	3879	09	SALINE		37 45	88 33	380	6P	6P		H	LAWRENCE L PICHE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 2bd01, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-d inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

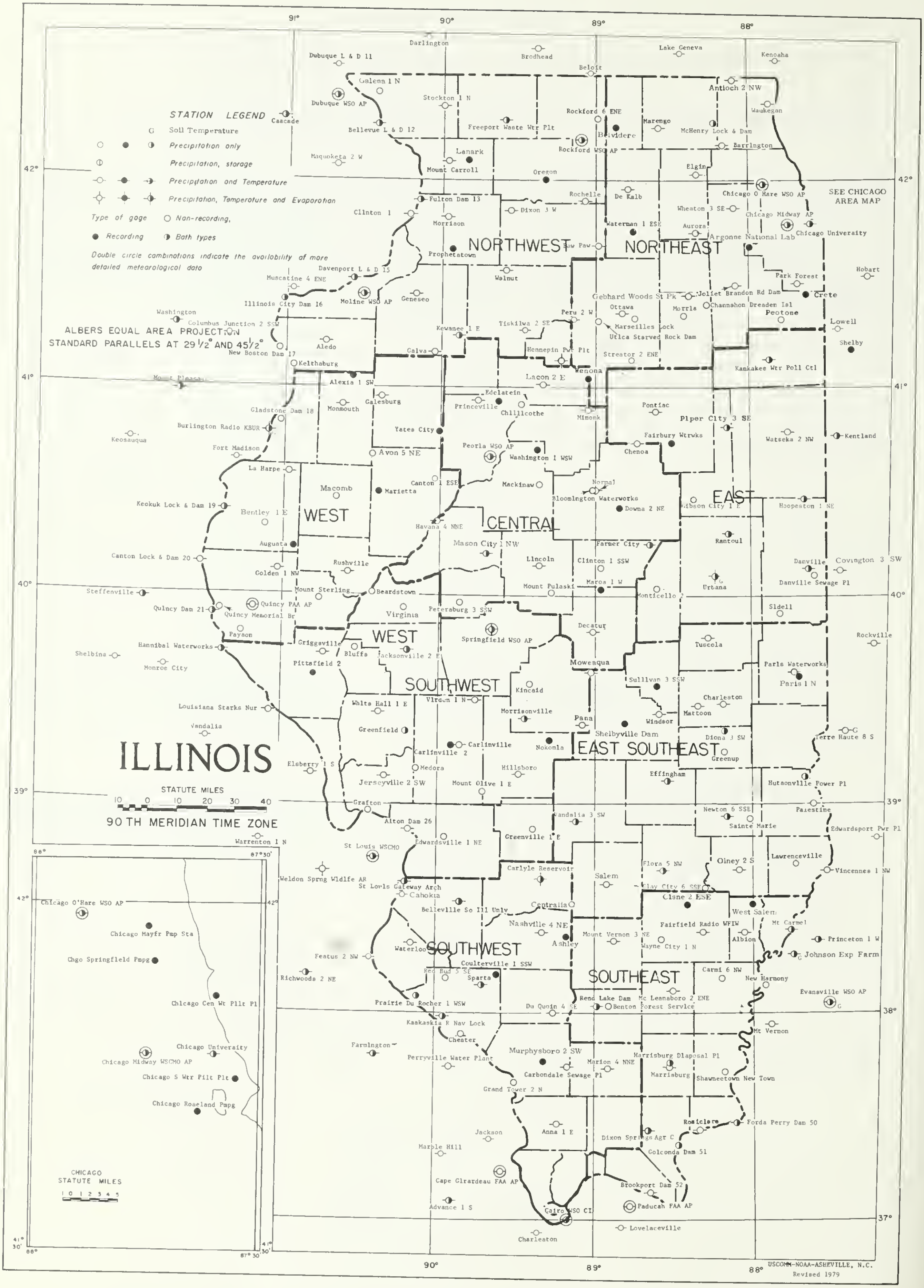
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NDAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 2bb01.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 19[illegible]0-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Freeport Waste Wtr Plt
Belvidere
Marengo
McHenry Lock & Dam
Bellevue L & D 12
Rockford WSO AP
Barrington
Maquoketa 2 W
Lanark
Elgin
Mount Carroll
Oregon
Chicago O Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Wheaton 3 SE
Chicago Midway AP
Clinton 1
Dixon 3 W
Morrison
Waterman 1 ESE
Aurora
Argonne National Lab
Chicago University
Paw Paw
Prophetstown
Davenport L & D 15
Walnut
Hobart
Muscatine 4 ENE
Park Forest
Geneseo
Moline WSO AP
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Illinois City Dam 16
Ottawa
Channahon Dresden Isl
Washington
Peru 2 W
Morris
Peotone
Columbus Junction 2 SSW
Marseilles Lock
Lowell
Utica Starved Rock Dam
Kewanee 1 E
Tiskilwa 2 SE
Aledo
Shelby
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville
Gladstone Dam 18
Monmouth
Chillicothe
Minonk
Pontiac
Piper City 3 SE
Burlington Radio KBUR
Yates City
Kentland
Keosauqua
Peoria WSO AP
Fairbury Wtrwks
Watseka 2 NW
Fort Madison
Avon 5 NE
Washington 1 WSW
Chenoa
La Harpe
Canton 1 ESE
Mackinaw
Normal
Macomb
Marietta
Bloomington Waterworks
Gibson City 1 E
Hoopeston 1 NE
Keokuk Lock & Dam 19
Bentley 1 E
Downs 2 NE
Havana 4 NNE
Augusta
Mason City 1 NW
Farmer City
Rantoul
Canton Lock & Dam 20
Rushville
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Golden 1 NW
Urbana
Danville Sewage Pl
Mount Sterling
Mount Pulaski
Maroa 1 W
Steffenville
Beardstown
Monticello 2
Quincy FAA AP
Quincy Dam 21
Virginia
Petersburg 3 SSW
Sidell
Quincy Memorial Br
Payson
Decatur
Rockville
Griggsville
Springfield WSO AP
Tuscola
Hannibal Waterworks
Bluffs
Shelbina
Jacksonville 2 E
Mowequa
Paris Waterworks
Monroe City
Pittsfield 2
Sullivan 3 SSW
Paris 1 N
Kincaid
Charleston
Louisiana Starks Nur
Whits Hall 1 E
Virden 1 N
Mattoon
Morrisonville
Windsor
Vandalia
Pana
Greenfield
Shelbyville Dam
Terre Haute 8 S
Diona 3 SW
Carlinville
Nokomis
Carlinville 2
Elsberry 1 S
Greenup
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Alton Dam 26
Vandalia 3 SW
Sainte Marie
Warrenton 1 N
Edwardsport Pwr Pl
Edwardsville 1 NE
St Louis WSCMO
Greenville 1 E
Olney 2 S
Lawrenceville
Flora 5 NW
Carlyle Reservoir
Vincennes 1 NW
Weldon Sprng Wldlfe AR
Salem
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
Belleville So Ill Univ
Centralia
West Salem
Mt Carmel
Nashville 4 NE
Fairfield Radio WFIW
Princeton 1 W
Mount Vernon 3 NE
Albion
Ashley
Waterloo
Wayne City 1 N
Johnson Exp Farm
Festus 2 NW
Coulterville 1 SSW
Red Bud 5 SE
Carmi 6 NW
Richwoods 2 NE
Sparta
New Harmony
Evansville WSO AP
Prairie Du Rocher 1 WSW
Rend Lake Dam
Mc Leansboro 2 ENE
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Perryville Water Plant
Harrisburg Disposal Pl
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Ford's Ferry Dam 50
Jackson
Anna 1 E
Dixon Springs Agr C
Golconda Dam 51
Marble Hill
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979
88°
87°30'
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Pllt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Pllt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
0 1 2 3 4 5

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS

BULK RATE

214/12: 85/10

OCTOBER 1980 VOLUME 85 NUMBER 10

Climatological Data

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	92	DATE 09+
LOWEST TEMPERATURE:	MOUNT CARROLL	13	DATE 29
GREATEST TOTAL PRECIPITATION:	JOLIET BRANDON RD DAM	3.79	
LEAST TOTAL PRECIPITATION:	MORRISON	.93	
GREATEST 1 DAY PRECIPITATION:	BEARDSTOWN	2.20	DATE 17
GREATEST TOTAL SNOWFALL:	STREATOR 2 ENE	3.0	
GREATEST DEPTH OF SNOW OR ICE:	3 STATIONS	1	DATE 28

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT STANDARD OF TIME CENTRAL				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
CAIRO WSO CI	-	-	-	32	SW	17	-	-	-	-	0	0	2	1	1	0	4	72	-
CHICAGO O HARE WSO AP	27	3.7	9.9	31++	30	11	75	80	51	60	7	1	4	2	0	0	14	60	5.5
MOLINE WSO AP	27	3.5	10.5	30	NW	11	71	76	50	58	3	2	1	2	0	0	8	59	4.9
PEORIA WSO AP	27	2.3	9.1	27	NW	11	75	82	55	60	2	2	2	3	0	0	9	73	4.9
ROCKFORD WSO AP	28	2.9	10.8	37++	29	11+	77	81	52	61	5	2	4	1	0	0	12	-	5.5
SPRINGFIELD WSO AP	26	2.1	8.8	23++	19	16	80	87	53	62	4	3	4	1	0	0	12	76	4.7

JAN 21 1981

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEDO	62.4	38.9	50.7	- 4.5	83	8	21	29	442	5	0	0	9	0	1.23	- 1.82	.51	24	.5	0		3	1	0
DIXON 2 W	58.9	33.3	46.1	- 8.2	80	9	17	29	578	0	0	0	15	0	1.85	- .78	.60	17	.0	0		5	2	0
FREEPORT WASTE WTR PLT	58.2	35.7	47.0		79	9+	20	29	552	0	0	0	12	0	1.29		.50	17	T	T	28	3	1	0
FULTON DAM 13	60.5	38.5	49.5	- 5.2	82	9	25	31+	473	0	0	0	6	0	1.30	- 1.28	.40	25	.0	0		4	0	0
GALVA	59.9	37.8	48.9	- 6.2	83	9	22	29	497	3	0	0	10	0	1.75	- 1.30	.56	16	1.0	1	28	4	2	0
GENESEO	59.8	38.9	49.4		82	8	23	29	480	3	0	0	9	0	1.99	- .70	.70	16	1.0	0		3	3	0
HENNEPIN POWER PLANT	61.8	36.5	49.2		84	9	22	30+	483	2	0	0	12	0	2.17		1.07	17	.0	0		4	1	1
KEWANEE 1 E	60.2	37.0	48.6	- 6.2	82	9	22	30	498	2	0	0	10	0	2.22	- .97	.98	16	2.5	0		5	1	0
MOLINE WSO AP R	60.4	36.8	48.6	- 5.8	84	8	22	29	503	1	0	0	10	0	1.63	- 1.06	.58	27	2.4	T	28	3	2	0
MORRISON	59.9	36.2	48.1	- 6.4	80	9+	20	30+	517	0	0	0	11	0	.93	- 1.55	.62	17	.0	0		2	1	0
MOUNT CARROLL	58.9	32.6	45.8	- 7.4	79	9+	13	29	589	0	0	0	14	0	1.26	- 1.13	.39	25	1.5	0		4	0	0
PAW PAW	58.6	35.5	47.1		80	9	22	31	548	0	0	0	13	0	2.94	- .03	1.78	17	T	T	28	6	1	1
ROCHELLE	58.5	34.9	46.7		80	9	18	29	563	0	0	0	13	0	1.98		1.20	17	.7	0		4	1	1
ROCKFORD WSO AP //R	58.1	36.5	47.3	- 5.4	80	8	19	29	538	0	0	0	12	0	1.42	- 1.43	.65	16	.8	T	28	5	1	0
STOCKTON 1 N	56.7	34.7	45.7		78	1	18	29	591	1	0	0	15	0	1.77		.56	17	1.5	0		5	1	0
TISKILWA 2 SE	60.8M	36.6M	48.7M		84	8	23	29	514	5	0	0	10	0	1.99	- .83	.58	24	.5	0		4	1	0
WALNUT																								
DIVISION			48.0	- 6.1											1.73	- .97			.8					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	56.6	36.0	46.3	- 6.9	78	1	22	30+	572	0	0	0	10	0	1.63	- .69	.73	17	1.5	1	28	4	1	0
AURORA	59.1	37.2	48.2	- 5.2	81	1	21	29	518	3	0	0	10	0	2.89	.25	1.15	17	.0	0		5	3	1
BARRINGTON	57.6	35.4	46.5		79	1	19	29	565	0	0	0	12	0	2.29		1.16	17	T	0		3	2	1
CHICAGO O'HARE WSO AP R	58.8	38.0	48.4	- 5.4	80	1	24	30	511	2	0	0	9	0	2.09	- .23	.56	17	T	0		6	2	0
CHICAGO UNIVERSITY //	61.5	43.4	52.5	- 3.5	84	2	29	29	395	13	0	0	2	0	2.48	- .07	1.18	17	.0	0		7	1	1
CHGO MIDWAY AP 3 SW //R	59.4	38.4	48.9	- 6.5	83	1	22	29	494	4	0	0	7	0	2.92	.30	1.26	17	T	0		6	1	1
DE KALB	61.2	38.3	49.8	- 3.4	83	8	23	30+	470	6	0	0	11	0	2.20	- .65	.74	16	T	T	27	4	2	0
ELGIN	57.3	35.2M	46.3M		78	9+	22	29	573	0	0	0	12	0	2.78	.27	1.58	17	T	0		4	1	1
GEBHARD WOODS ST PARK	59.3M	36.5M	47.9M		84	2	21	29	519	0	0	0	12	0	2.54		1.38	17	T	0		4	2	1
JOLIET BRANDON RD DAM	60.6	37.1	48.9	- 6.1	84	2	21	29	491	0	0	0	10	0	3.79	1.10	1.99	17	.0	0		6	3	1
MARENGO	58.4	34.0	46.2	- 6.7	80	1	19	29	574	0	0	0	15	0	1.78	- .69	.90	17	.1	0		3	1	0
OTTAWA	62.9M	39.0M	51.0M	- 5.0	85	8+	23	29	435	6	0	0	9	0	2.16	- .25	1.13	17	T	0		5	1	1
PARK FOREST	59.8	37.5	48.7		84	2+	21	29	506	6	0	0	11	0	1.99	- .78	.65	17	1.0	0		5	1	0
PERU 2 W	64.8M	38.4M	51.6M	- 3.7	85	8	24	29	403	1	0	0	10	0	2.52	.02	1.00	17	.0	0		6	2	1
WAUKEGAN	56.9	36.2	46.6	- 7.2	79	1	22	30	564	0	0	0	11	0	1.72	- .65	.68	17	.0	0		3	1	0
WHEATON 3 SE	61.0	37.3M	49.2M		81	1	18	29	490	3	0	0	11	0	2.84	.23	.96	17	T	0		6	3	0
DIVISION			48.6	- 6.0											2.41	- .15			.2					
* * *																								
WEST 03																								
GALESBURG	60.6	38.2	49.4		84	8	21	29	477	2	0	0	10	0	1.77	- 1.20	.69	17	T	0		4	2	0
GOLDEN 1 NW	65.9	40.4	53.2		85	9+	21	29	370	10	0	0	6	0	1.46	- 1.57	.36	27	.0	0		5	0	0
LA HARPE	64.3	39.3	51.8	- 4.5	85	8	21	29	411	8	0	0	8	0	1.39	- 1.80	.47	28	.0	0		4	0	0
MONMOUTH	61.3	39.4	50.4	- 5.1	81	8	21	29	451	5	0	0	9	0	1.51	- 1.52	.50	16	T	0		5	1	0
QUINCY FAA AP	62.1	39.7	50.9		82	8	23	29	433	4	0	0	6	0	1.52	- 1.65	.66	27	T	T	28	4	1	0
QUINCY DAM 21 //	63.7	38.3	51.0		84	9	24	31+	427	2	0	0	8	0	1.40	- 1.50	.39	27	.0	0		5	0	0
RUSHVILLE	65.5	39.9	52.7	- 3.9	85	1	22	29	382	10	0	0	8	0	1.13	- 1.87	.35	27+	T	0		4	0	0
DIVISION			51.3	- 5.2											1.45	- 1.58			T					
* * *																								
CENTRAL 04																								
CHENOA	60.9	37.9M	49.4M		83	8	24	29	489	2	0	0	8	0	1.66		.70	17	1.2	T	27	3	2	0
DECATUR	65.5	38.8	52.2	- 5.2	88	8	19	30	401	12	0	0	10	0	1.16	- 1.92	.61	28	T	0		2	1	0
FARMER CITY	64.1	39.9	52.0		87	8	24	29	410	14	0	0	9	0	1.76		.52	28	.0	0		4	2	0
HAVANA 4 NNE	64.5M	37.9M	51.2M		87	9	22	30	426	8	0	0	10	0	2.86	- .02	1.90	17	.0	0		4	1	1
LACON 2 E	64.0	39.1	51.6		85	8+	22	29	423	14	0	0	8	0	2.20		1.04	17	.5	0		5	1	1
LINCOLN	64.7	41.0	52.9	- 3.3	85	1	25	30+	381	12	0	0	8	0	1.71	- 1.15	.70	17	.0	0		5	1	0
MASON CITY 1 NW	64.1	39.8	52.0		85	8+	25	30+	401	6	0	0	7	0	1.54		.71	17	.0	0		3	1	0
MINONK																								
NORMAL	65.5	40.0	52.8	- 4.1	85	8+	20	29	389	16	0	0	10	0	1.69	- 1.09	.67	17	T	0		5	1	0
PEORIA WSO AP //R	60.9	38.3	49.6	- 5.4	83	1	22	30	470	1	0	0	10	0	2.44	- .07	.80	17	T	0		5	3	0
PRINCEVILLE	62.8	36.4	49.6		84	8	19	29	471	4	0	0	12	0	1.62	- .89	.58	24	T	0		5	1	0
DIVISION			51.3	- 4.8											1.86	- .90			.2					
* * *																								
EAST 05																								
DANVILLE	65.7	38.7	52.2	- 3.7	88	8	19	30	405	14	0	0	7	0	2.05	- 1.08	.80	17	.0	0		5	1	0
GIBSON CITY 1 E	62.3	36.0	49.2		85	2	22	31+	494	7	0	0	12	0	1.38	- 1.54	.43	28	T	0		4	0	0
HOOPESTON 1 NE	62.1	40.3	51.2	- 4.4	88	8	24	29	432	13	0	0	5	0	1.34	- 1.61	.48	17	T	0		3	0	0
KANKAKEE WTR POLL CTR	62.1	37.2	49.7		85	2	22	29	472	3	0	0	9	0	1.70		.52	28	T	0		5	1	0
PIPER CITY 3 SE	62.9	38.2	50.6	- 4.8	87	8	24	29	448	10	0	0	8	0	1.24	- 1.44	.52	28	1.0	T	28+	3	1	0
PONTIAC	64.0	40.4	52.2	- 3.8	87	1	25	30+	403	13	0	0	8	0	1.79	- .71	.76	17	.5	0		4	1	0
RANTOUL	62.4	37.5	50.0		87	9	25	30+	466	7	0	0	13	0	1.28	- 1.57	.79	28	T	0		3	1	0
URBANA	61.9	39.6	50.8	- 5.5	86	8	25	30	444	12	0	0	9	0	2.24	- .69	.62	17	T	0		4	3	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE										NO. OF DAYS				PRECIPITATION				SNOW, SLEET			NO. OF DAYS		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	62.1	37.0	49.6		87	9	23	30+	477	6	0	0	11	0	1.81	- 96	92	28	.0	0		5	1	0
DIVISION			50.6	- 5.0											1.65	- 1.16			.2					
WEST SOUTHWEST 06																								
ALTON DAM 26	65.6	41.3	53.5		87	9	26	30+	362	11	0	0	5	0	2.65		1.18	17	.0	0		7	2	1
CARLINVILLE	66.7	40.4	53.6	4.0	88	8	21	30	359	13	0	0	8	0	2.49	- .37	.92	17	T	0		6	2	0
GRIGGSVILLE	64.2	42.5	53.4	- 4.4	86	8	25	29	368	16	0	0	5	0	3.27	.09	2.02	17	T	0		6	1	1
HILLSBORO	68.4	40.4	54.4	3.3	89	8	20	30	340	16	0	0	9	0	2.35	- .65	1.10	17	T	0		3	3	1
JACKSONVILLE 2 E	64.2	38.4	51.3	- 5.9	85	9	23	30	423	7	0	0	9	0	1.54	- 1.73	.46	17	T	0		5	0	0
JERSEYVILLE 2 SW	65.9	37.8	51.9		88	9	19	30	406	7	0	0	10	0	2.76		1.24	17	.0	0		7	2	1
MORRISONVILLE	65.5	38.1	51.8		89	9	22	31	409	9	0	0	9	0	1.66		.55	17	T	T	25	4	1	0
PANA	63.4	42.2	52.8	- 4.4	85	8	27	30	382	11	0	0	3	0	1.99	- .86	.79	17	T	0		4	1	0
SPRINGFIELD WSO AP R	65.2	40.3	52.8	- 3.8	88	8+	25	29	395	20	0	0	9	0	1.47	- 1.61	.51	17	T	T	25	5	1	0
VIRDEN 1 N	66.6	41.5	54.1		88	8	23	30+	354	21	0	0	9	0	2.04	- .92	1.00	17	T	0		5	1	1
WHITE HALL 1 E	66.9	41.5	54.2	- 3.7	86	9+	22	30	342	15	0	0	4	0	2.32	- .80	.80	27	.0	0		5	2	0
DIVISION			53.1	- 4.5											2.23	- .72			T					
EAST SOUTHEAST 07																								
CASEY	66.1	39.7	52.9		85	8	21	30	379	13	0	0	9	0	1.48		.58	27	.0	0		4	1	0
CHARLESTON	63.9	41.6	52.8	- 4.7	86	8	21	30	392	19	0	0	7	0	1.83	- .84			.0	0				0
EFFINGHAM 3 W	63.3	37.2	50.3	- 6.9	84	9	20	30	456	6	0	0	11	0	2.12	.75	.70	28	.0	0		5	2	0
FLORA 5 NW	68.7	40.6	54.7	3.4	89	8	21	30	342	27	0	0	7	0	2.43	- .41	1.03	17	.0	0		4	2	1
MATTOON	64.1	39.3	51.7		88	8	22	30	419	14	0	0	9	0	1.92		.75	17	.0	0		4	2	0
MOWEAQUA	65.4	40.4M	52.9M		87	8	25	30	389	16	0	0	6	0	1.97		.90	17	T	0		4	1	0
NEWTON 6 SSE	66.0	39.4	52.7		87	9	23	30	394	21	0	0	10	0	2.22	- .51	.86	17	.0	0		4	2	0
OLNEY 2 S	67.8	41.3	54.6	- 4.1	88	8	24	30	342	27	0	0	6	0	3.03	.22	1.94	17	.0	0		4	2	1
PALESTINE	65.6	41.9	53.8	- 4.0	87	8	24	30	357	18	0	0	5	0	3.16	.54	2.05	17	.0	0		3	2	1
PARIS WATERWORKS	64.6	41.0	52.8	- 4.2	88	8	24	30	383	14	0	0	6	0	1.50	- 1.20	.56	17	.0	0		4	2	0
SALEM	67.7	42.5	55.1		89	8	24	30	331	31	0	0	5	0	2.67		.91	17	.0	0		5	2	0
TUSCOLA	66.9M	40.1M	53.5M		88	8	24	30	367	20	0	0	8	0	2.03	- .78	.84	17	.0	0		5	1	0
VANDALIA 3 ENE	67.8	39.5	53.7		88	9	23	30	366	22	0	0	11	0	2.09		.80	17	.0	0		4	2	0
WINDSOR	67.2	41.5	54.4	- 2.5	87	8	25	30+	345	23	0	0	5	0	2.20	- .71	.89	17	T	0		4	2	0
DIVISION			53.3	- 4.1											2.19	- .58			T					
SOUTHWEST 08																								
ANNA 1 E	68.9	43.0	56.0	- 3.7	90	9	27	30	302	31	1	0	4	0	3.77	.92	1.74	17	.0	0		3	3	2
BELLEVILLE SO IL U	70.6	41.3	56.0		92	8	22	30	291	19	2	0	4	0	2.43		1.15	27	.0	0		3	2	1
CAHOKIA	70.6M	M	M		86	2	22	30			0	0	7	0	2.43		1.10	17	.0	0				1
CAIRO WSO CI R	69.2	48.2	58.7	- 3.0	88	10+	32	30	240	53	0	0	1	0	3.14	.46	1.92	17	.0	0		4	2	1
CARBONDALE SEWAGE PL	69.0	38.5	53.8	- 5.4	89	10	21	30	365	25	0	0	10	0	3.55	.73	1.64	17	.0	0		6	2	1
CARLYLE RESERVOIR	66.9M	40.9	53.9M	4.5	89	9	25	30+	358	25	0	0	6	0	2.49	- .36	.90	28	.0	0		6	2	0
DU QUOIN 4 SE	68.0	40.3	54.2	- 4.9	87	8	23	30	353	27	0	0	7	0	2.86	- .04	1.43	17	.0	0		3	3	1
KASKASKIA R NAV LOCK	69.2	40.8	55.0		92	9	25	30	330	27	1	0	6	0	2.79		1.35	17	.0	0		4	2	1
MARION 4 NNE	M	39.6	M		88	10+	23	31+			0	0	10	0	2.72	.13	.90	17	.0	0		5	3	0
NASHVILLE 4 NE	67.4	44.1	55.8		89	8	28	30+	311	33	0	0	3	8	1.89	- .98	.66	28	.0	0		4	2	0
SPARTA	69.3	44.4	56.9	- 3.2	91	8	25	30	289	43	1	0	5	0	2.83	- .06	1.43	17	.0	0		3	2	1
WATERLOO	67.9	42.4	55.2		92	9	25	30+	332	33	1	0	5	0	3.35	.52	1.35	17	.0	0		4	3	1
DIVISION			55.6	- 3.9											2.85	.00			.0					
SOUTHEAST 09																								
ALBION	70.2	45.0M	57.6M		89	8	28	29	267	50	0	0		0	3.41	.72	2.05	17	.0	0		4	2	1
BROOKPORT DAM 52	70.5	43.7	57.1		90	9	25	30	281	42	1	0	6	0	3.29	.75	1.73	18	.0	0		4	3	1
DIXON SPRINGS AGR C	70.8	42.2	56.5		88	10+	23	30	297	40	0	0	8	0	2.73		1.59	17	.0	0		4	2	1
FAIRFIELD RADIO WFIW	68.7	41.5	55.1	- 3.5	87	8	24	30+	327	28	0	0	7	0	3.67	.73	2.12	17	.0	0		5	2	1
HARRISBURG	71.3	44.2	57.8	1.8	88	9	24	30	269	50	0	0	5	0	2.80	.08	1.78	17	.0	0		4	2	1
MC LEANSBORO 2 ENE	67.7	40.4	54.1	- 5.2	88	9	26	31+	358	27	0	0	8	0	3.06	.17	1.03	17	.0	0		5	3	1
MT CARMEL	67.5	42.4	55.0		87	9	27	31+	336	33	0	0	5	0	3.31		1.64	18	.0	0		3	3	2
MT VERNON 3 NE																								
REND LAKE DAM																								
ROSICLARE	67.6	42.5	55.1		85	9	26	30	325	25	0	0	5	0	3.68	1.21	2.04	17	.0	0		4	3	1
DIVISION			56.0	- 3.3											3.24	.48			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
ALEDO	1.23														T		.33								.51			.37	.02			
DIXON 2 W	1.85														.22		.14	.60								.55			.34			
FREEPORT WASTE WTR PLT	1.29			.01											.21	T	.06	.50								.45			.06			
FULTON DAM 13	1.30			T											.24		T	.37							.09	.40	.02		.18			
GALENA	1.89			T											.14		.03	.80						T	.50	.27	T		.15			
GALVA	1.75														.04		.56	.09							.32	.18	.02	.01	.53			
GENESEO	1.99		.03	.02											T	.07	.70	T			T				.55			.61	.01			
HENNEPIN POWER PLANT	2.17			.02											.04		.20	1.07	T						T	.42	T		.42			
ILLINOIS CITY DAM 16 //	2.22			T													.08	.35			T				.74	.23			.82			
KEITHSBURG	1.57			.05											.02		.11	.20							.55	.04			.60			
KEWANEE 1 E	2.22			.02											.01		.98	.35			.02				.33	.11			.40			
MOLINE WSO AP R	1.63		T												T	.08	.44			T					.52			.58	.01			
MORRISON	.93														.06		.04	.62							T				.21			
MOUNT CARROLL	1.26			.01											.25		.04	.37						T	.07	.39	T		.13			
NEW BOSTON DAM 17	2.27				T										.07		.26	.37							.72	.20			.65	T		
PAW PAW	2.94			.16											.24		.25	1.78								.33			.18			
ROCHELLE	1.98			T											.24	T	.22	1.20								.25	T		.07			
ROCKFORD 6 ENE	1.38	T	T	T											.15		.15	.66								.30	.01		.11			
ROCKFORD WSO AP //R	1.42		.03								T			.19	T	.10	.65	.06					T	T	.29	T		.10				
STOCKTON 1 N	1.77			.05											.23	T	.13	.56							.26	.45			.09			
TISKILWA 2 SE	1.99		.01												.02	.07	.48	.43							.58			.40				
WALNUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHEAST 02																																
ANTIOCH 2 NW	1.63		T	.05	T							T			.04	.02	.32	.73	.02							.30	.01		.14			
AURORA	2.89			.08											.37	.01	.52	1.15	T							.52			.24			
BARRINGTON	2.29			.03											.09		.58	1.16								.38			.05			
CHANNAHON DRESDEN ISL	3.21			.06											.11		.20	1.97								.55	T		.32			
CHICAGO O'HARE WSO AP R	2.09	T	.03	T							T			.16	T	.39	.33	.56			T				.51	T		.11	T			
CHICAGO UNIVERSITY //	2.48		.01	.18	.02										.20		.34	1.18							.14	.16			.25			
CHGO MIDWAY AP 3 SW //R	2.92	T	.05	T							T			.28	.02	.30	.35	1.26							.40	T		.23	.03			
DE KALB	2.20	T	.03								T				.42	T	.74	.52							.42	.02	T	.05				
ELGIN	2.78														.22	.01	.49	1.58								.48		T				
GEBHARD WOODS ST PARK	2.54			.05											.15		.21	1.38	T										.75			
JOLIET BRANDON RD DAM	3.79		T	.12											.53		.26	1.99	T							.52	T		.37			
MARENGO	1.78		.03												.09	.03	.24	.90								48				.01		
MARSEILLES LOCK	2.56			.02											.29	T	.25	1.15								.48			.37			
MC HENRY LOCK AND DAM	1.93		T	.06											.07	.02	.35	1.09							T	.34	T		T			
MORRIS	1.78														.02		.05	1.65				.02				.04						
OTTAWA	2.16		T	.01											.22			1.13							.44			.23	.13			
PARK FOREST	1.99		.01	.03											.35	T	.29	.65								.37			.29			
PEOTONE	2.02		T	T											.38		.27	.52	T							.53			.32			
PERU 2 W	2.52														.20			1.00	.22	T					.25			.35	.50			
STREATOR 2 ENE	2.44		.02												.10		.18	1.50							.33	.01		.30				
UTICA STARVED ROCK DAM	1.92														.26	.02	.35	.65			T					.21			.43			
WAUKEGAN	1.72		T	.03											.03	.06	.48	.68								.41	T		.03			
WHEATON 3 SE	2.84				.29										.32	T	.52	.96								.53	.01		.21			
WEST 03																																
AVON 5 NE	1.36														T	T	.11	.62								.16			.47			
BENTLEY 1 E	1.48		T		T										T	.03	.32	.04							.53	.01		.30	.25			
CANTON 1 ESE	2.40																.10	1.30							.57			.32	.11			
GALESBURG	1.77			.02											.03	.05	.13	.69							.05	.25			.55			
GLADSTONE DAM 18	1.66			T												T	.24	.28							.49	.12			.53			
GOLDEN 1 NW	1.46															.02	.30	.30							.30			.36	.18			
LA HARPE	1.39																.16	.29							.39	.08		T	.47			
MACOMB	1.40			T													.07	.67							.08	.18		.02	.38			
MONMOUTH	1.51														.11		.50	.06							.31			.41	.12			
MOUNT STERLING	2.15																	1.20							.35			.60				
PAYSON	1.75			T	.07											.01	.19	.51							.40	.02		.27	.28			
QUINCY FAA AP	1.52		T	T	T											.15	.35	T							.33	.01		.66	.02			
QUINCY DAM 21 //	1.40				.06												.14	.25							.18			.39	.38			
QUINCY MEMORIAL BRIDGE	1.44				T												.13	.27							.28	.05		.25	.46			
RUSHVILLE	1.13		.06		T										T	.03	.11								.35	T		.35	.23			
CENTRAL 04																																
BLOOMINGTON WATERWORKS	1.77		.07	.08													.13	.77							.03	.28			.41			
BRADFORD 1 W	1.84																.54	.58								.52			.20			
CHENOA	1.66		.09												T	.01		.70							.55			.31				
CHILLICOTHE	1.85															.03	.08	.89							T	.48			.37			
CLINTON 1 SSW	1.73		.12	.03											.08	.08	.52	.02							T	.33			.55			
DECATUR	1.16															T	.03	41							.02	.09			.61			
FARMER CITY	1.76		.12	.09												.02	.05	.45								.51			.52			
HAVANA 4 NNE	2.86			T												T	T	1.90							.40	.14			.42			
LACON 2 E	2.20		T												T		.28	1.04							.44	T		.34	.10			
LINCOLN	1.71		.10	.01												T	.10	.70								.42			.38			
MACKINAW	2.80		.04												.02	T	.13	1.69							.38			.40	.14			
MASON CITY 1 NW	1.54		.04													.05	.06	.71							.42	.01		.23	.02			
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT PULASKI	2.40		.10		T												.10	.65								1.00			.55			
NORMAL	1.69		.05	.07											T		.20	.67							.31	T		.20	.19			
PEORIA WSO AP //R	2.44		.05												T	.16	.54	.80		T					.52			.35	.02			
PETERSBURG 3 SSW	1.24		.03	.03												.02	.11	45							T	.22			.38			
PRINCEVILLE	1.62		T											T	.12	.01	.14	45							.58			.32				
EAST 05																																
DANVILLE	2.05		.28	.03												.03		.80							.32			.24	.35			
DANVILLE SEWAGE PLANT	2.24		.31	.13											.01	T	.03	.71								.30			.75			
FAIRBURY WATERWORKS	1.51															.02	.47	.11								.50	T		.41			
GIBSON CITY 1 E	1.38		.08	.10												.01	.02	.36								.38			.43			
HOOPESTON 1 NE	1.34		.08	T	T											.06	T	.48	.09							.27	T		.36			
KANKAKEE WTR POLL CTR	1.70			.02											.31	T	.16	.37	T							.32	T		.52			
MONTICELLO 2	2.07		.32	T												.04	.01	.50								.48			.72			
PIPER CITY 3 SE	1.24		.04	.04											T	T	.03	.24	.05							.31	.01		.52			
PONTIAC	1.79		.01	.04												T	.13	.76							T	.46			.39	T		
RANTOUL	1.28	T	.02													.10	T	.37											.79			
SIDELL	1.48			.02														.57								.31			.58			
URBANA	2.24	.59	T												.09	T	T	.62							.39	T		.51	.04			
WATSEKA 2 NW	1.81		T	.10														.23	.14							.42			.92			
WEST SOUTHWEST 06																																
ALTON DAM 26	2.65		.10		.13	T											.11	1.18	.02						T	.14		.34	.63			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BEARDSTOWN	3.33			.02													.04	2.20							.20	.12		35	.40			
BLUFFS	2.76															.12	.08	2.01							*	*	*	*	55			
CARLINVILLE	2.49		.09	.01	.12										.06	.15	.18	.92							.31	T		.62	.03			
EDWARDSVILLE 1 NE	2.45		.05		.18	.03												.83	T							.51		.27	.58			
GRAFTON	3.06		T		.16												.26	1 40								.17		.37	70			
GREENFIELD	2.53		.01	.01	.11											.03	29	1.05	.03						.07	20		.29	.44			
GREENVILLE 1 E	2.74		.08	.02	.23													.95							.08	54		.16	.68			
GRIGGSVILLE	3.27				.03												.11	2.02							.21	.17		.32	.41			
HILLSBORO	2.35	.07	T		.06												.02	1.10							.60	T		.50	T			
JACKSONVILLE 2 E	1.54		T	T													.19	.46							.14	.24	T	.07	.44			
JERSEYVILLE 2 SW	2.76		.02	T	.18												.21	1.24	02						.12	.10		.53	.34			
KINCAID	1.68		.12	T												1	.03	.65						.03	.10			.03	.72			
MEDORA	3.02		.15	.06	.20										1	.10	.15	1.03							.28			1.00	.05			
MORRISONVILLE	1.66		.12	T	T										.06	.06	.03	.55	T						.09	.31	1	.07	.37	T		
MOUNT OLIVE 1 E	2.26		.18															1.15								.26		T	.67			
PANA	1.99		.12	T	.01	T										.05		.79	.01						.07	.45		T	.49			
SPRINGFIELD WSO AP R	1.47	.12	T	T	T										.01	.11	.03	.51							.28	T		.39	.02			
VIRDEN 1 N	2.04		.10	.01	.02											.01	.15	1.00								.30	1	.05	.40			
VIRGINIA	2.25																.06	1 44							.08	.24		.06	.37			
WHITE HALL 1 E	2.32		.02		.13										.04	.20	.06	.73							.29	1	T	.80	.05			
* * *																																
EAST SOUTHEAST 07																																
CASEY	1.48	.03	.02															42	.20							.23		.58	T			
CHARLESTON	1.83		.31													T		*	.60						.15	.25		*	.52			
CLAY CITY 6 SSE	2.57		.03															.99	47							.30			.78			
DIONA 3 SW	1.28																	*	47							.38			.43			
EFFINGHAM 3 W	2.12		.21	T												T		.68	.13						T	.40	T	1	.70	1		
FLORA 5 NW	2.43		.05	T	.13													1.03							.38			.75	.09			
GREENUP	1.53		.13													T		.32	.20							.25			.63			
HUTSONVILLE POWER PL	2.25		.08	1														.05	1 16	1						.38			.58			
LAWRENCEVILLE	3.12		.05	T														.31	1.46							.69	T	T	.61			
MATTOON	1 92	.14	T												.01			.75							.38	.02		.62	T			
MOWEAQUA	1.97	T	.22												T		T	.90							.40	T		.45				
NEWTON 6 SSE	2.22		.04	.01												T		.86	.25							.26			.80			
OLNEY 2 S	3.03		.03		.05													1.94							.24			.65	.12			
PALESTINE	3.16		.06															2.05							.56	T		.49				
PARIS WATERWORKS	1.50		.05	T											T	.02	T	.56							.26			.51	.10			
SAINTE MARIE	2.12		.02	.02														.66	46							.20	T		.76			
SALEM	2.67		.18	T	.27												1	.91							.48			.77	06			
TUSCOLA	2.03		.11													.06		.84							.41			.40	.21			
VANDALIA 3 ENE	2.09		.03		.10													.80	.01						.02	.40		.05	.68			
WINDSOR	2.20		T													T		.89							.71	.01		.46	.13			
* * *																																
SOUTHWEST 08																																
ANNA 1 E	3.77																	1.74							.58			1.40	.05			
BELLEVILLE SO IL U	2.43		.06	T													T	70							.44			1.15	.08			
CAHOKIA	2.43						T											1.10							*	*	*	.90	.43			
CAIRO WSO CI R	3.14																	1.92							.24			.84	.14			
CARBONDALE SEWAGE PL	3.55		T	T	.03													1.64	.42						.22	.32		.12	.80			
CARLYLE RESERVOIR	2.49		.09		.30	T												.67							.12	.30		.11	.90			
CENTRALIA	2.55			T	.32	09												.82	.12						.11	.31		.10	.68			
CHESTER	2.79		.05															1 40	.08							.23		.25	.78			
COULTERVILLE 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU QUOIN 4 SE	2.86																1	1.43							.72			.71				
GRAND TOWER 2 N	2.91																	1.06	.34						.15	.45			.91			
KASKASKIA R NAV LOCK	2.79		.06															1.35	.04							.46		.26	.62			
MARION 4 NNE	2.72				.05													.90	.59						.03	.31		.10	.74	1		
NASHVILLE 4 NE	1.89		.06		.12													.63	.06						T	.28		.08	.66			
PRAIRIE DU ROCHER 1WSW	2.57																	1.26	.05						.12	.22		.25	.67			
RED BUD 5 SE	2.32	T	T		T												1	.94	.03						*	*	*	*	1.35			
SPARTA	2.83		.02		.02													1 43							.44			.87	.05			
WATERLOO	3.35		T		T												1	1.35	.05						.49	.06		.73	.67			
* * *																																
SOUTHEAST 09																																
ALBION	3.41				.28													2.05	T						.41			.60	.07			
BENTON FOREST SERVICE	2.59		.02		.08														1.50	.32					.19	.40		.08				
BROOKPORT DAM 52	3.29			.03														T	1.73						T	.60		.15	.78			
CARMI 6 NW	3.54		T	T	.10	.17												.47	1.53						.14	.36		T	.77			
DIXON SPRINGS AGR C	2.73			T	.03													1.59	.01						.34			.66	.10			
FAIRFIELD RADIO WFIW	3.67		.07	.02	.26													2.12							.43	.01		66	.10			
HARRISBURG	2.80			T	.10													1.78							.30			.61	.01			
HARRISBURG DISPOSAL PL	3.18				.05	.02												.08	1.97						1	.41		.07	.58			
MC LEANSBORO 2 ENE	3.06				.15	.06												1.03	.61						.05	.18			.98			
MT CARMEL	3.31		.01			.08												.05	1.64							1.03			.50			
MT VERNON 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RENO LAKE DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSICLARE	3.68			T	.07													2.04							.86			.54	.17			
SHAWNEETOWN NEW TOWN	2.98																		1.68							.76		.14	.40	1		
SMITHLAND L & D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAYNE CITY 1 N	3.40				.18													1.91	.29							.34			.68			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
OCTOBER 1980

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	77	65	54	55	61	73	77	83	78	70	65	55	64	75	69	68	69	57	58	66	63	63	74	68	40	43	38	40	45	58	63	62.4
	MIN	57	43	36	35	28	40	44	53	45	45	44	28	31	48	43	51	54	39	33	45	43	36	45	37	30	32	30	28	21	28	33	38.9
DIXON 2 W	MAX	79	74	64	47	53	57	70	75	80	70	67	49	53	58	72	56	66	70	55	54	60	57	58	67	52	41	41	40	41	45	54	58.9
	MIN	45	38	36	29	25	28	35	34	38	40	40	28	28	27	45	45	47	39	31	31	36	35	35	41	31	30	27	27	17	20	23	33.3
FREEPORT WASTE WTR PLT	MAX	79	73	62	47	53	58	69	75	79	68	68	50	54	56	62	52	66	69	54	55	61	57	55	65	52	41	40	39	44	47	54	58.2
	MIN	50	41	37	32	27	28	38	38	43	42	42	31	31	30	45	46	49	39	39	39	41	32	33	41	33	33	28	26	20	24	30	35.7
FULTON DAM 13	MAX	77	70	67	57	53	62	70	77	82	73	67	57	55	60	75	60	68	66	53	56	64	57	59	70	51	40	42	43	43	47	54	60.5
	MIN	52	46	42	37	34	34	42	45	48	46	47	34	32	34	36	48	49	43	38	38	34	41	40	43	35	35	32	32	26	25	25	38.5
GALVA	MAX	81	80	65	47	56	59	73	77	83	74	70	50	54	63	72	56	69	68	55	54	64	60	60	71	44	40	41	36	39	44	53	59.9
	MIN	55	42	38	35	32	33	41	49	47	46	45	30	30	39	44	48	55	39	34	33	43	38	38	43	30	31	30	28	22	27	28	37.8
GENESEO	MAX	75	64	48	54	58	71	75	82	73	69	59	53	61	74	56	69	69	55	55	64	59	60	72	60	41	40	37	41	44	53	62	59.8
	MIN	52	43	39	36	30	41	44	53	46	46	37	31	31	49	46	49	44	40	36	44	45	38	44	37	32	31	31	28	23	27	33	38.9
HENNEPIN POWER PLANT	MAX	83	83	67	48	54	60	73	78	84	73	71	52	56	63	72	58	75	71	59	56	65	60	61	74	53	41	43	39	43	47	55	61.8
	MIN	48	44	38	35	26	29	32	41	47	39	46	32	29	32	39	44	52	44	38	38	41	36	39	44	32	35	29	32	22	22	27	36.5
KEWANEE 1 E	MAX	80	78	65	48	54	58	73	76	82	78	68	61	53	61	73	56	70	68	55	55	63	58	59	71	45	41	42	37	40	45	53	60.2
	MIN	53	42	36	32	25	33	38	52	43	41	45	29	26	35	44	48	55	41	34	35	44	35	42	42	30	32	27	28	23	22	36	37.0
MOLINE WSO AP	MAX	76	67	49	55	59	72	77	84	75	71	57	54	63	76	54	67	70	55	56	64	60	61	73	56	40	42	37	40	44	55	63	60.4
	MIN	47	41	38	33	28	42	39	48	45	45	33	28	27	47	45	49	43	38	34	41	45	36	43	37	32	29	30	26	22	23	26	36.8
MORRISON	MAX	80	73	64	48	54	59	72	76	80	73	69	49	54	60	73	56	67	70	54	56	63	58	60	70	52	40	42	41	42	47	55	59.9
	MIN	48	41	40	34	27	29	37	38	45	42	44	30	28	29	47	47	51	41	35	36	43	40	40	43	32	33	29	28	20	20	26	36.2
MOUNT CARROLL	MAX	79	71	63	49	53	58	69	75	79	72	68	49	53	59	71	53	67	69	53	55	62	58	57	68	50	41	41	41	43	44	55	58.9
	MIN	47	34	37	30	22	25	32	33	37	40	42	21	22	33	43	46	50	39	36	36	36	32	35	41	29	32	24	24	13	17	23	32.6
PAW PAW	MAX	79	77	65	47	52	55	70	74	80	69	68	49	60	59	68	55	69	67	55	53	60	57	57	65	51	38	41	40	41	44	51	58.6
	MIN	49	43	35	30	28	34	33	41	48	42	36	29	29	29	43	46	50	41	30	36	45	40	38	39	30	30	27	29	24	24	22	35.5
ROCHELLE	MAX	79	74	64	47	52	56	70	75	80	70	68	49	52	60	68	55	67	65	58	53	62	56	58	65	51	39	40	40	42	45	52	58.5
	MIN	47	40	34	31	29	25	36	39	44	44	42	27	27	30	43	45	50	37	38	39	39	38	40	41	29	30	29	27	18	20	24	34.9
ROCKFORD WSO AP	MAX	74	64	45	50	55	69	76	80	70	69	56	52	59	63	54	67	72	56	55	61	57	57	65	56	40	39	40	42	44	53	62	58.1
	MIN	50	42	34	31	27	33	37	47	43	43	42	30	28	45	47	48	45	41	41	42	42	32	43	37	32	28	29	23	19	22	29	36.5
STOCKTON 1 N	MAX	78	72	61	48	52	56	67	75	76	68	66	48	51	57	61	50	65	66	52	55	59	55	54	65	45	40	39	39	41	45	53	56.7
	MIN	53	41	38	28	23	32	37	43	41	42	43	31	24	31	43	44	49	39	36	36	40	27	30	42	31	31	24	25	18	22	31	34.7
TISKILWA 2 SE	MAX	81	65	52	61	59	73	77	84	74		57	54	61	72	56	73	70	66	55	63	55	59	72	63	41	42	37	43	46	54	58	60.8
	MIN	58	42	37	27	26	35	38		45		42	29	37	45	43	48	47	41	35	45	35	36	42	37	31	29	27	28	23	25	28	36.6
WALNUT	MAX																																
	MIN																																
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	78	73	65	50	50	53	69	74	75	59	67	48	51	56	54	52	66	68	56	54	57	55	54	58	57	37	39	39	42	45	53	56.6
	MIN	48	45	38	36	28	29	40	38	40	38	46	33	28	35	46	47	50	41	39	36	36	30	30	45	35	33	27	28	22	22	27	36.0
AURORA	MAX	81	63	50	51	55	70	75	79	66	68	60	54	59	64	64	74	68	58	54	61	57	57	65	57	40	40	42	42	46	52	61	59.1
	MIN	54	43	35	33	27	39	39	44	43	42	42	32	28	43	45	43	46	40	40	45	42	35	42	39	32	28	31	24	21	26	31	37.2
BARRINGTON	MAX	79	77	67	49	57	52	69	74	76	62	67	48	52	57	57	53	70	67	55	54	57	56	56	63	57	39	40	40	41	45	51	57.6
	MIN	49	42	37	33	26	29	37	38	43	40	41	33	27	27	45	46	51	42	39	40	38	30	30	44	33	30	26	29	19	24	30	35.4
CHICAGO O'HARE WSO AP	MAX	80	67	49	51	54	70	74	76	62	67	57	53	58	64	53	74	70	57	54	59	60	58	68	60	39	42	43	44	47	53	61	58.8
	MIN	53	43	37	32	28	37	41	49	42	39	41	31	28	44	45	52	48	43	41	43	43	37	46	37	33	26	27	26	25	24	37	38.0
CHICAGO UNIVERSITY	MAX	82	84	69	51	55	64	73	75	75	67	68	50	56	63	65	71	76	68	58	59	60	56	61	63	55	39	42	43	48	50	61	61.5
	MIN	60	49	42	39	36	40	47	56	50	47	46	36	36	46	49	50	62	45	42	46	48	40	46	50	35	35	33	35	29	32	39	43.4
CHGO MIDWAY AP 3 SW	MAX	83	69	49	51	54	71	74	79	63	68	54	55	59	66	55	77	69	60	55	60	59	57	66	57	39	41	43	45	49	53	62	59.4
	MIN	54	46	41	36	31	35	40	49	44	44	43	34	30	45	45	50	47	40	39	44	40	34	42	38	34	28	29	27	22	25	35	38.4
DE KALB	MAX	80	70	61	52	56	71	75	83	81	68	66	54	59	67	67	69	68	69	55	60	60	57	63	63	42	40	41	43	45	52	60	61.2
	MIN	55	42	35	32	27	36	40	52	44	45	47	31	27	44	46	46	62	39	39	46	43	35	41	40	31	32	27	26	23	23	32	38.3
ELGIN	MAX	78	75	67	47	51	54	69	73	78	63	66	48	52	57	63	53	71	67	55	53	58	56	55	63	55	34	40	40	41	45	50	57.3
	MIN	46	44	34	33	30	30	35	43	45	41		32	29	31	43	46	46	39	35	36	40	35	34	41	26	25	28	29	22	24		35.2
GEBHARD WOODS ST PARK	MAX	75	84	68	49	52	55	70	[illegible]	78	70	70	52	54	58	68	58	76	68	59	53	63	59	58	67	54	42	41	40	44	45	50	59.3
	MIN	48	45	37	35	27	28	39	[illegible]	45	40	42	32	29	31	43	45	52	42	38	40	44	38	38	40	32	31	30	31	21	23	30	36.5
JOLIET BRANDON RD DAM	MAX	80	84	68	49	52	56	72	75	80	66	69	58	55	60	68	61	77	68	59	54	62	58	59	66	57	41	42	40	44	46	52	60.6
	MIN	49	42	38	34	30	33	35	42	49	43	42	33	30	32	44	48	52	40	36	41	42	40	40	42	32	32	30	30	21	23	26	37.1
MARENGO	MAX	80	75	67	51	53	56	70	75	79	65	68	50	53	58	58	52	68	70	56	55	59	58	58	64	52	40	40	39	41	46	53	58.4
	MIN	45	41	33	31	25	25	37	37	40	38	43	29	25	32	45	46	50	39	39	38	38	29	29	41	31	31	25	21	19	24	28	34.0
OTTAWA	MAX	85	73	56	55	61	75		85	81	71	67	59	64	69	59		71	69	59	65	62	61	70	68	44	43	39	44	49	55	66	62.9
	MIN	57	45	38	35	28	35		43	47	43	48	31	31	45	44		50	44	41	49	44	40	44	43	33	32	31	32	23	24	31	39.0
PARK FOREST	MAX	84	84	68	48	51	56	70	75	79	62	68	50	54	60	67	58	77	68	59	53	60	60	57	66	57	39	42	40	44	47	51	59.8
	MIN	54	44	39	32	27	35	40	45	47	42	43	32	29	33	43	48	56	40	35	40	42	37	39	42	31	32	27	32	21	25	32	37.5
PERU 2 W	MAX	82	78	70	56	58	70	76	85	78	74	69	54	61	60	56	62	70	69	65	65	58	60	70	68			48	44	48		60	64.8
	MIN	48	39	35	32	28	36	42	46	45	43	47	30	28	37	48	49	50	47	44	43	45	38	42	34	34	28	32	30	24		28	38.4
WAUKEGAN	MAX	79	76	67	50	51	52	70	74	74	57	67	49	53	52	54	53	68	69	55	54	57	56	52	56	61	38	40	40	42	46	51	56.9
	MIN	48	44	38	34	32	31	36	40	48	40	42	34	29	28	46	46	51	43	38	37	38	32	30	45	35	33	26	27	23	22	26	36.2
WHEATON 3 SE	MAX	81	70	63	51	55	70	76	79	78	66	68	55	60	64	61	74	70	68	58	60	58	56	64	63	40	40	41	43	47	52	61	61.0
	MIN	53	44		33	27	32	38	48	44	39	45	33	28	30	45	48	61	42	40	43	42	32	42	40	32	34	27	30	18	21	2R	37.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
* * *																																	
WEST 03																																	
GALESBURG	MAX	80	67	49	55	60	74	77	84	74	70	58	56	64	53	58	71	69	56	57	66	63	62	72	60	40	43	37	41	46	54	63	60.6
	MIN	52	47	42	35	32	41	43	47	49	47	34	29	30	47	44	52	45	37	34	40	42	42	44	37	31	30	29	27	21	25	30	38.2
GOLDEN 1 NW	MAX	83	75	58	56	64	75	77	85	85	75	68	62	71	73	73	75	71	61	65	69	67	68	66	70	45	46	43	45	49	58	64	65.9
	MIN	57	44	38	42	35	42	43	51	48	46	48	29	35	52	48	55	55	40	40	32	45	40	40	40	30	25	35	36	21	27	34	40.4
LA HARPE	MAX	83	69	53	58	63	77	78	85	80	72	58	60	67	75	66	73	71	61	59	69	66	66	74	67	45	46	40	44	48	57	64	64.3
	MIN	55	41	38	40	33	39	44	51	51	46	48	29	34	48	44	55	55	36	33	40	41	40	44	39	29	32	31	28	21	24	29	39.3
MONMOUTH	MAX	80	66	51	55	60	72	76	81	74	70	66	54	63	70	66	69	68	57	55	65	61	61	72	65	41	42	37	42	45	54	63	61.3
	MIN	56	51	37	37	30	39	43	53	46	45	45	30	32	47	44	52	53	38	33	44	43	38	44	38	30	32	30	29	21	26	34	39.4
QUINCY FAA AP	MAX	81	67	50	55	59	75	74	82	77	70	60	56	69	72	58	73	67	59	56	66	67	67	75	58	46	44	40	43	43	54	62	62.1
	MIN	50	44	40	41	33	42	47	52	49	48	37	31	34	53	49	58	46	38	34	42	44	42	45	34	30	26	34	27	23	26	33	39.7
QUINCY DAM 21	MAX	79	78	68	53	56	62	76	78	84	78	71	60	58	72	75	62	74	69	60	59	68	68	69	76	46	47	46	42	44	46	51	63.7
	MIN	49	48	41	40	34	34	37	41	48	45	48	37	32	38	48	50	57	41	34	34	39	42	42	41	29	27	29	31	24	24	24	38.3
RUSHVILLE	MAX	85	72	58	56	61	75	78	84	80	76	68	59	68	75	70	76	71	68	59	66	68	67	76	69	45	47	43	44	46	55	66	65.5
	MIN	55	42	39	41	32	39	41	51	50	46	48	30	35	50	47	56	60	32	34	42	43	43	41	40	29	27	34	31	22	25	33	39.9
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	82	68	49	52	55	71	74	83	72	70	55	54	62	74	61	77	69	65	57	63	60	61	73	65	40	41	37	42	44	51	61	60.9
	MIN		45	38	34	25	34	43	50	45	40	45	31		48	43	44	58	37	36	42	43	35	41	40	31	30	28	31	24	25	33	37.9
DECATUR	MAX	85	72	51	58	63	71	80	88	81	77	61	60	69	75	73	81	73	64	56	67	71	69	77	65	47	48	40	45	49	53	63	65.5
	MIN	53	46	40	36	26	29	41	42	49	46	45	31	27	46	44	58	62	37	36	39	43	44	46	42	32	31	31	33	21	19	28	38.8
FARMER CITY	MAX	86	71	50	57	60	70	78	87	77	77	62	58	65	76	70	79	74	67	55	65	67	64	74	62	41	45	39	44	49	53	64	64.1
	MIN	55	44	40	36	30	34	47	48	48	45	47	28	29	48	50	55	61	39	35	41	42	40	43	41	32	32	31	34	24	26	31	39.9
HAVANA 4 NNE	MAX	80	85	71	49	59	61	74	78	87	80	73	57	59	68	75	62	75	70	62	58	67	67	67	77	47	45	47	39	44	49		64.5
	MIN	47	43	43	36	26	30	37	40	49	40	42	32	28	30	45	47	60	41	39	40	42	41	42	44	33	33	31	32	23	22		37.9
LACON 2 E	MAX	85	71	58	56	60	74	77	85	83	74	65	58	64	71	68	76	71	64	56	64	63	62	74	69	43	43	41	43	46	55	64	64.0
	MIN	58	46	38	36	28	35	44	55	46	38	46	29	29	43	44	49	62	42	37	43	45	37	40	40	30	33	29	30	22	25	34	39.1
LINCOLN	MAX	85	76	59	55	58	72	75	84	81	74	65	56	66	73	69	79	72	63	59	66	67	66	76	70	44	45	40	46	47	53	64	64.7
	MIN	54	47	42	39	31	35	45	50	50	46	50	32	31	48	49	55	62	40	38	43	43	43	45	41	32	33	32	34	25	25	32	41.0
MASON CITY 1 NW	MAX	85	73	55	56	60	73	77	85	79	72	65	56	66	74	65	78	70	62	55	66	65	66	76	69	44	45	40	45	47	56	63	64.1
	MIN	53	44	43	36	27	35	44	48	48	43	47	30	29	48	46	50	59	49	35	41	43	41	45	41	30	34	33	33	25	25	30	39.8
MINONK	MAX																																
	MIN																																
NORMAL	MAX	85	85	66	53	57	70	75	85	84	74	70	54	64	75	71	78	78	78	59	63	63	64	74	74	42	43	41	43	47	52	63	65.5
	MIN	57	44	40	34	29	37	41	51	48	49	48	30	29	52	48	52	63	40	37	43	43	40	44	42	31	32	30	32	20	23	31	40.0
PEORIA WSO AP	MAX	83	67	48	55	58	72	73	82	74	70	56	55	64	71	60	76	69	59	54	64	62	62	73	59	41	42	37	43	45	53	62	60.9
	MIN	49	44	40	35	31	35	43	46	51	43	35	31	31	50	44	53	45	39	37	41	40	43	47	37	32	32	32	27	23	22	29	38.3
PRINCEVILLE	MAX	83	68	55	57	60	73	77	84	75	70	66	57	65	72	67	74	70	60	57	66	62	61	73	64	43	44	36	43	47	55	64	62.8
	MIN	53	39	37	32	24	33	40	47	45	42	45	25	26	45	40	49	57	37	32	41	41	35	40	38	28	31	28	28	19	22	30	36.4
* * *																																	
EAST 05																																	
DANVILLE	MAX	84	82	68	55	58	68	76	88	85	79	71	56	63	76	74	79	78	67	59	65	67	64	73	69	45	41	41	46	47	50	63	65.7
	MIN	51	45	42	36	28	29	40	41	48	41	47	33	28	46	48	59	62	39	34	37	40	40	44	43	33	33	27	36	21	19	29	38.7
GIBSON CITY 1 E	MAX	82	85	71	49	53	58	69	75	84	74	76	57	55	63	76	65	80	68	61	58	64	64	63	73	52	40	41	38	42	45	50	62.3
	MIN	52	47	40	35	27	27	29	43	46	42	41	32	25	25	46	46	58	37	35	40	41	35	33	41	32	28	29	34	25	22	22	36.0
HOOPESTON 1 NE	MAX	83	70	53	53	57	68	75	88	74	76	61	54	62	76	68	78	73	63	55	62	64	61	70	62	43	38	39	45	45	49	61	62.1
	MIN	56	45	41	34	28	34	43	50	45	43	47	34	33	46	51	54	62	43	36	43	47	37	42	42	33	31	30	35	24	26	34	40.3
KANKAKEE WTR POLL CTR	MAX	82	85	69	62	58	56	71	75	83	69	67	59	59	62	71	59	78	70	58	53	62	62	59	68	57	46	43	39	45	47	51	62.1
	MIN	48	42	41	40	34	29	35	44	48	44	36	35	29	31	41	48	56	40	37	39	43	37	37	41	33	32	29	32	22	23	27	37.2
PIPER CITY 3 SE	MAX	85	72	58	50	55	70	75	87	78	75	63	56	62	77	69	80	72	65	55	64	65	61	73	66	42	40	38	42	45	50	61	62.9
	MIN	53	43	38	35	27	33	44	50	41	39	41	32	29	46	48	49	61	39	35	41	45	36	40	41	26	30	27	34	24	25	33	38.2
PONTIAC	MAX	87	75	56	54	59	72	78	86	80	71	69	57	62	72	65	77	73	68	60	65	64	61	71	70	43	42	37	47	48	53	61	64.0
	MIN	56	45	39	38	30	35	45	49	47	44	49	33	29	49	45	50	63	42	38	47	46	40	41	42	32	32	30	32	25	25	33	40.4
RANTOUL	MAX	83	85	71	50	54	58	68	74	87	74	75	57	58	59	76	70	79	68	61	54	59	65	63	72	53	45	40	38	42	45	51	62.4
	MIN	54	45	40	37	30	32	32	41	46	45	45	32	30	30	43	51	52	41	31	39	38	39	39	42	32	33	30	32	25	25	30	37.5
URBANA	MAX	84	71	50	54	58	68	75	86	75	77	58	55	63	75	71	79	68	61	53	64	66	63	73	54	41	41	39	43	45	49	61	61.9
	MIN	54	44	39	36	30	32	46	50	47	44	39	34	29	46	50	60	50	40	35	41	45	40	45	40	32	32	31	32	27	25	34	39.6
WATSEKA 2 NW	MAX	83	84	71	51	52	57	69	75	87	73	75	50	56	64	75	64	80	69	61	51	64	64	61	70	56	43	41	39	43	46	50	62.1
	MIN	45	46	41	32	26	26	34	42	43	43	45	37	28	29	46	48	61	37	39	40	43	39	39	41	33	32	30	32	23	23	24	37.0
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	80	80	72	52	55	60	72	77	87	82	74	63	60	68	76	66	78	73	65	57	68	75	68	74	53	52	50	48	47	48	55	65.6
	MIN	53	50	42	38	34	36	43	50	52	52	49	35	36	39	46	54	56	49	39	39	43	44	44	47	33	29	32	35	26	26	29	41.3
CARLINVILLE	MAX	85	78	63	54	61	72	79	88	81	77	65	60	68	73	68	78	73	66	59	69	76	68	75	70	52	49	45	47	47	55	67	66.7
	MIN	56	45	44	40	28	35	45	50	48	48	45	30	29	48	51	56	59	39	35	42	42	44	46	41	32	27	32	36	24	21	34	40.4
GRIGGSVILLE	MAX	85	72	56	55	60	74	76	86	78	72	60	57	70	71	65	77	68	62	55	67	70	67	76	64	48	47	41	45	46	55	66	64.2
	MIN	59	47	41	41	34	41	49	57	51	48	49	33	33	51	53	57	59	43	36	45	49	41	43	40	32	28	35	32	25	29	38	42.5
HILLSBORO	MAX	86	84	71	55	62	71	78	89	82	80	62	62	68	75	76	80	77	73	68	69	76	74	76	72	52	49	48	46	49	54	55	68.4
	MIN	50	46	41	40	29	31	45	46	50	50	48	32	30	45	54	60	61	40	35	40	46	44	42	45	30	28	31	34	25	20	35	40.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JACKSONVILLE 2 E	MAX	81	84	70	50	55	61	72	77	85	78	72	60	58	68	70	68	78	72	61	55	67	69	66	75	54	48	47	42	46	46	55	64.2
	MIN	47	46	44	41	29	28	39	46	50	46	46	33	30	33	45	49	59	41	36	39	42	42	42	42	31	30	29	34	24	23	24	38.4
JERSEYVILLE 2 SW	MAX	82	84	73	52	55	60	72	79	88	81	75	64	61	69	74	65	78	74	65	65	68	74	67	74	45	51	50	47	47	47	56	65.9
	MIN	51	41	40	39	27	27	40	45	46	46	46	24	27	41	52	55	57	39	34	37	37	43	46	42	29	24	32	34	24	19	29	37.8
MORRISONVILLE	MAX	78	86	74	52	55	60	70	78	89	80	76	61	60	68	76	70	80	71	64	56	69	74	62	75	57	47	48	46	47	49	53	65.5
	MIN	50	44	43	38	25	30	35	43	48	50	45	31	28	35	42	50	60	38	37	33	40	44	41	50	30	32	33	34	24	26	22	38.1
PANA	MAX	82	73	56	52	57	67	74	85	77	75	62	56	65	73	73	78	70	64	54	67	70	64	72	62	47	45	43	44	45	51	62	63.4
	MIN	56	48	42	39	33	35	46	49	52	50	47	33	35	47	50	62	60	42	38	41	45	47	47	41	33	32	34	33	28	27	35	42.2
SPRINGFIELD WSO AP	MAX	88	73	50	57	60	73	77	88	80	75	61	59	68	76	69	84	77	65	55	67	70	66	76	61	47	46	42	46	46	54	64	65.2
	MIN	54	45	43	37	31	40	48	52	51	49	39	33	32	52	50	61	43	39	34	39	40	44	46	41	31	31	31	29	25	26	32	40.3
VIRDEN 1 N	MAX	85	73	61	57	62	72	80	88	86	78	71	62	76	72	69	79	71	71	62	68	72	68	76	60	46	49	43	45	46	53	65	66.6
	MIN	50	45	43	42	28	39	44	54	55	58	58	29	32	54	50	57	59	40	35	40	42	50	43	40	30	27	30	33	23	23	32	41.5
WHITE HALL 1 E	MAX	86	80	64	54	59	74	76	86	86	78	70	60	68	71	71	78	71	69	62	67	74	68	75	72	49	48	45	46	46	55	65	66.9
	MIN	52	46	44	41	33	36	48	49	53	48	51	32	35	46	52	58	58	41	36	40	42	46	46	42	34	27	35	35	25	22	34	41.5
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	81	77	64	54	58	67	75	85	79	80	69	59	64	74	78	78	76	65	60	68	72	65	72	72	47	45	43	48	57	52	64	66.1
	MIN	54	40	42	35	28	29	44	46	50	44	48	32	27	44	51	61	62	42	35	38	44	43	45	42	30	31	30	36	24	21	33	39.7
CHARLESTON	MAX	80	79	56	51	55	68	77	86	80	79	60	57	62	73	76	79	77	65	62	65	66	65	70	70	46	45	42	42	41	46	61	63.9
	MIN	56	48	43	36	29	32	45	49	52	52	49	33	30	46	52	63	63	41	37	41	45	45	49	43	32	33	32	36	25	21	33	41.6
EFFINGHAM 3 W	MAX	77	80	70	50	52	56	66	73	84	76	76	60	55	63	77	76	79	67	63	52	67	72	64	72	55	47	46	45	45	46	51	63.3
	MIN	50	48	43	36	28	28	30	42	44	48	43	33	27	28	44	50	62	40	35	36	38	40	45	46	32	28	28	36	25	20	21	37.2
FLORA 5 NW	MAX	85	80	69	54	60	69	79	89	83	83	71	60	67	78	82	82	79	66	62	73	76	68	75	68	52	50	48	50	50	55	66	68.7
	MIN	53	48	45	35	28	28	46	46	51	48	47	32	26	46	54	64	62	42	37	36	39	46	47	44	33	25	33	38	24	21	34	40.6
MATTOON	MAX	83	69	51	51	59	68	77	88	79	80	68	52	65	75	77	80	70	54	65	68	71	66	74	58	45	42	45	45	47	51	64	64.1
	MIN	54	46	37	33	28	33	45	50	49	48	39	32	29	44	49	61	53	43	40	40	44	42	46	38	33	31	27	27	24	22	32	39.3
MOWEAQUA	MAX	85	76	69	54	59	70	76	87	78	77	67	56	65	78	74	82	70	60	62	67	68	66	75	65	45	47	45	44	45	51	63	65.4
	MIN	54	48	42	38	31	33	44	48	49	49	51	32	31	46	49	62		40	38	41	42	44	45	35	33	33	34	37	28	25	31	40.4
NEWTON 6 SSE	MAX	83	83	74	53	55	59	68	78	87	79	82	63	57	66	77	81	81	65	66	53	70	74	68	75	58	49	48	44	49	49	53	66.0
	MIN	54	49	43	36	30	30	32	44	52	48	49	33	28	29	42	55	63	43	39	38	42	45	45	45	34	29	32	37	26	23	25	39.4
OLNEY 2 S	MAX	84	80	66	54	58	68	77	88	84	83	74	59	67	78	80	83	75	66	60	71	75	70	76	68	48	48	45	50	49	53	64	67.8
	MIN	52	48	46	35	32	29	45	45	51	51	48	34	28	45	57	64	62	44	41	39	40	42	44	41	35	26	36	39	25	24	33	41.3
PALESTINE	MAX	83	74	56	54	60	68	76	87	79	81	64	58	65	77	81	82	72	65	55	69	72	67	75	60	46	47	47	51	48	53	63	65.6
	MIN	54	49	44	38	31	31	45	45	51	46	47	33	29	47	56	62	62	44	39	39	47	46	46	44	36	33	34	39	25	24	34	41.9
PARIS WATERWORKS	MAX	82	74	58	54	58	67	77	88	77	80	65	56	64	78	75	80	74	65	54	70	68	66	74	64	44	43	41	46	46	52	63	64.6
	MIN	60	47	42	34	30	34	44	45	50	47	40	31	29	44	55	62	56	43	37	40	47	42	47	43	33	32	30	35	35	24	33	41.0
SALEM	MAX	84	80	67	54	60	68	78	89	83	81	71	59	68	78	81	81	73	65	59	70	75	71	76	68	50	48	48	49	49	53	64	67.7
	MIN	54	48	45	40	33	33	46	49	54	55	49	35	31	45	57	68	61	43	38	39	40	47	48	44	34	26	35	38	26	24	32	42.5
TUSCOLA	MAX	84	81	68	55	58	71	77	88	86	79	72		65	77	75	81	76	66	66	68	69	64	74	70	45	45	40	44	48	52	63	66.9
	MIN	53	47	42	37	29	40	44	46	50	45		32	28	44	47	60	62	38	35	39	42	43	44	42	36	32	31	35	25	24	31	40.1
VANDALIA 3 ENE	MAX	85	84	76	54	54	62	70	80	88	83	83	66	62	70	80	80	82	72	68	57	72	76	68	77	57	51	50	46	46	50	53	67.8
	MIN	51	48	44	39	29	30	32	46	49	51	48	33	29	31	46	55	63	42	36	39	41	43	46	50	32	28	32	38	25	23	24	39.5
WINDSOR	MAX	83	80	63	58	60	69	78	87	83	80	74	61	68	75	78	80	77	68	56	68	72	68	75	72	47	47	43	46	48	53	65	67.2
	MIN	56	45	42	36	29	36	46	51	50	50	49	31	33	44	51	63	62	42	35	41	45	42	47	42	33	31	33	37	25	25	34	41.5
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	88	76	64	51	60	69	80	86	90	87	74	63	68	77	79	73	73	63	57	71	71	78	75	71	58	55	52	57	47	56	67	68.9
	MIN	54	54	43	40	33	34	50	53	56	58	50	38	33	39	48	59	62	51	42	37	39	43	48	45	33	28	38	40	29	27	30	43.0
BELLEVILLE SO IL U	MAX	85	85	70	55	62	71	79	92	91	80	79	66	69	80	79	79	73	71	67	72	76	76	76	76	56	55	51	49	48	55	66	70.6
	MIN	50	46	45	47	35	34	43	46	49	51	51	37	35	41	51	59	58	41	36	38	38	43	48	41	34	28	40	38	26	22	29	41.3
CAHOKIA	MAX	83	86	83			65	74	75		78	73			72	73	72	74	75	72		74	75	82	80	65	55	55	55	49	49		70.6
	MIN	55	50				31	31				40			36	40			50		40	42	36	39	39	35	30	30		29	22	29	
CAIRO WSO CI	MAX	83	76	57	59	61	69	81	85	88	88	69	62	68	77	80	82	72	67	58	71	76	78	75	64	59	52	60	60	48	55	66	69.2
	MIN	59	57	50	43	41	40	52	59	62	63	50	44	40	49	57	62	62	53	43	43	48	56	53	44	38	35	45	41	35	32	39	48.2
CARBONDALE SEWAGE PL	MAX	83	83	77	54	52	62	70	81	87	89	85	67	62	70	78	80	83	67	68	58	74	79	79	76	57	56	53	57	47	49	56	69.0
	MIN	51	51	45	38	28	29	29	50	52	52	42	33	28	29	41	55	59	49	41	34	38	38	42	42	34	24	28	40	27	21	25	38.5
CARLYLE RESERVOIR	MAX	81	84	75	54	54	58	69	79	89	81	80		60	68	78	81	81	71	67	56	71	71	68	71	57	54	50	50	47	48	54	66.9
	MIN	55	47	45	41	33	34	37	47	54	54	41	33	33	39	47	56	60	43	37	38	41	47	48	52	31	26	32	37	25	25	30	40.9
DU QUOIN 4 SE	MAX	85	75	55	52	60	68	79	87	86	86	66	66	68	84	80	83	69	67	56	73	77	76	76	61	55	51	52	47	47	54	66	68.0
	MIN	52	50	40	37	29	29	50	53	54	52	37	35	28	43	51	63	45	44	37	37	40	43	46	40	36	28	38	30	26	23	33	40.3
KASKASKIA R NAV LOCK	MAX	81	86	77	58	53	62	70	79	92	86	85	66	62	68	79	80	79	71	67	58	75	79	75	78	60	58	55	53	47	48	58	69.2
	MIN	54	47	46	39	33	34	40	54	55	53	43	35	33	33	49	56	57	45	40	38	39	41	45	46	32	29	31	40	27	25	26	40.8
MARION 4 NNE	MAX	83	64	77	54	52	62	71	80	88	88	85	56	60	62	71	83	81	66														
	MIN	52	50	45	43	30	29	30	48	55	55	43	33	29	32	45	55	63	43	41	35	38	40	47	50	33	25	26	40	27	23	23	39.6
NASHVILLE 4 NE	MAX	84	79	62	52	59	69	78	89	84	79	72	60	67	78	81	81	74	66	58	69	74	71	76	70	52	49	48	49	46	51	62	67.4
	MIN	56	51	47	41	34	38	50	55	54	57	45	35	40	47	56	65	60	45	40	39	45	46	50	44	33	28	38	38	28	28	35	44.1
SPARTA	MAX	86	78	67	55	61	71	81	91	86	82	70	61	70	78	80	79	75	66	60	73	78	78	76	69	56	52	50	50	48	55	67	69.3
	MIN	57	48	47	43	32	36	50	56	56	59	48	35	36	56	58	63	58	45	39	41	46	45	51	45	32	27	39	38	27	25	37	44.4
WATERLOO	MAX	82	87	77	55	53	60	72	81	92	83	79	66	62	70	78	79	79	73	67	59	71	77	70	75	48	56	51	49	48	48	57	67.9
	MIN	58	47	43	41	33	38	37	57	54	54	48	32	38	45	55	60	56	44	35	41	45	45	49	47	31	25	35	37	25	25	35	42.4

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
SOUTHEAST 09																																	
ALBION	MAX	85	83	73	53	61	68	79	89	88	85	82	64	68	79	83	83	79	68	65	71	75	74	76	73	52	50	49	53	49	54	64	70.2
	MIN	59	52	46	34	44	37	48	55	57	55	46			43	55	61	63	47	40	40	47	48	50	46	36	29	37	38	28	29	36	45.0
BROOKPORT DAM 52	MAX	83	79	65	56	62	70	79	85	90	86	80	64	68	76	82	81	76	69	64	71	77	79	74	70	57	55	57	60	48	56	66	70.5
	MIN	54	56	47	41	31	33	52	59	62	54	47	35	30	42	54	56	62	52	44	35	41	47	46	46	38	27	37	42	30	25	29	43.7
DIXON SPRINGS AGR C	MAX	82	82	74	51	60	68	79	85	88	88	85	65	68	77	80	82	81	70	66	70	75	78	77	75	56	56	51	57	47	57	65	70.8
	MIN	51	54	42	39	30	31	47	55	56	56	43	35	29	45	55	59	62	48	41	33	40	46	48	47	32	25	37	40	29	23	30	42.2
FAIRFIELD RADIO WFIW	MAX	83	81	70	57	59	67	77	87	85	82	78	61	66	76	80	80	79	66	63	70	75	72	74	71	52	49	49	49	54	54	64	68.7
	MIN	52	49	45	37	31	30	47	48	52	53	44	34	28	45	53	63	63	44	38	35	41	43	50	46	32	28	35	39	24	24	33	41.5
HARRISBURG	MAX	85	80	79	64	54	69	81	86	88	87	81	65	70	78	81	84	78	67	63	73	78	80	76	74	56	55	52	56	48	56	67	71.3
	MIN	54	56	54	46	40	30	51	55	58	57	45	33	30	40	56	62	63	48	44	38	36	47	50	46	35	28	40	40	28	24	35	44.2
MC LEANSBORO 2 ENE	MAX	82	85	74	56	52	60	70	80	88	85	84	66	60	68	78	83	82	65	65	55	72	71	77	75	56	53	51	53	49	49	55	67.7
	MIN	52	52	52	38	33	32	32	50	51	50	49	35	31	31	45	53	63	45	41	36	38	38	49	43	34	28	34	39	27	26	26	40.4
MT CARMEL	MAX	82	84	76	56	53	60	67	78	87	84	85	67	60	66	76	80	81	66	65	57	71	75	74	75	59	52	50	54	51	49	54	67.5
	MIN	58	54	47	38	36	36	38	48	54	54	50	37	35	35	48	57	63	48	44	38	41	44	48	49	37	27	29	39	29	27	27	42.4
MT VERNON 3 NE	MAX																																
	MIN																																
RENO LAKE DAM	MAX																																
	MIN																																
ROSICLARE	MAX	80	74	60	50	58	65	76	83	85	84	78	60	65	75	79	81	79	67	58	69	72	76	74	65	56	49	56	58	47	54	64	67.6
	MIN	55	53	45	40	31	33	45	52	55	54	46	36	33	39	52	55	62	50	42	35	42	44	45	46	36	28	38	41	30	26	30	42.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	68	67	65	60	61	61	57	62	63	64	63	63	62	57	58	61	63	63	62	61	61	61	57	57	56	51	48	46	47	45	45	58.5
		MIN	62	63	60	56	55	53	52	55	55	59	58	55	52	50	54	54	60	58	55	52	52	52	52	53	51	47	46	46	42	41	39	52.9
	8	MAX	68	66	67	64	63	61	58	61	62	63	62	62	62	58	59	60	62	63	62	62	62	62	58	58	58	56	52	51	49	50	49	59.7
		MIN	63	62	64	61	60	58	57	58	58	62	61	60	58	56	58	57	60	60	59	57	57	57	57	56	56	52	51	49	49	48	46	57.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
* * * NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.12	.22	.10	.07	-	.14	-	.26	-	.20	.27	-	-	.26	.09	.01	.03	-	.31	.15	.18	.19	.11	.10	-	-	-	-	-	-	.10	-
	WIND	15	59	72	26	16	11	39	19	22	23	113	84	24	40	23	15	44	89	111	65	53	22	54	60	129	131	30	45	37	19	48	1538
	MAX	82	81	66	50	61	64	49	47	79	67	73	-	60	63	63	-	65	70	61	62	64	64	63	64	51	41	44	38	33	38	39	58.7
	MIN	54	50	41	40	32	34	39	39	42	40	47		24	36	37		52	42	41	40	46	45	42	47	36	36	32	32	33	33	33	39.5
* * * WEST SOUTHWEST 06																																	
SPRINGFIELD WSO AP	EVAP	.16	.28	.08	.09	.10	.11	.20	.16	.30	.24	.21	.07	.13	.15	.08	.12	.17	.04	.10	.24	.09	.14	.18	.10	.12	.04	.01	-	-	.04	.10	4.128
	WIND	52	79	74	20	6	63	6	43	36	56	104	44	43	127	7	112	176	54	102	37	11	51	71	139	126	77	32	122	10	36	23	1939
	MAX	84	78	60	57	65	70	77	80	82	75	63	60	65	65	69	85	74	64	56	66	68	68	71	67	48	65	42	45	47	50	62	65.4
	MIN	55	47	43	41	37	40	48	50	52	48	42	35	35	46	50	58	60	41	36	40	42	44	46	42	35	34	37	31	30	35	35	42.4
* * * SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.15	.24	.15	-	*	.07	.18	.15	.19	.22	.14	-	.16	.18	.24	.20	.23	-	.15	.13	.12	.13	.13	.16	-	-	.07	.04	.04	.06	-	4.388
	WIND	18	62	61	42	42	35	77	34	49	63	62	82	33	62	98	88	140	68	36	57	51	58	57	63	76	46	30	104	79	23	41	1837
	MAX	84	82	73	72	55	65	66	75	80	77	69	73	63	65	69	72	73	68	68	60	66	71	68	70	61	54	54	44	43	50	53	65.9
	MIN	58	51	45	48	38	37	39	47	53	55	53	36	35	40	43	50	63	54	41	39	39	45	45	49	44	25	32	38	32	32	29	43.1

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
FREEPORT WASTE WTR PLT	SNOWFALL																												T			
	SN ON GND																												T			
GALENA	SNOWFALL																									T	T		1.0			
	SN ON GND																												1			
GALVA	SNOWFALL																												1.0			
	SN ON GND																												1			
MOLINE WSO AP	SNOWFALL																											2.3	.1			
	SN ON GND																												T			
	WTR EQUIV																															
PAW PAW	SNOWFALL																												T			
	SN ON GND																												T			
ROCKFORD WSO AP	SNOWFALL																									T		.8				
	SN ON GND																												T			
	WTR EQUIV																															
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL																										T		1.5			
	SN ON GND																												1	T		
CHICAGO O'HARE WSO AP	SNOWFALL																									T			T			
	SN ON GND																															
	WTR EQUIV																															
CHGO MIDWAY AP 3 SW	SNOWFALL																									T						
	SN ON GND																															
	WTR EQUIV																															
DE KALB	SNOWFALL																											T				
	SN ON GND																											T				
OTTAWA	SNOWFALL																												T			
	SN ON GND																															
PARK FOREST	SNOWFALL																									T			1.0			
	SN ON GND																															
WEST 03																																
MONMOUTH	SNOWFALL																											T				
	SN ON GND																															
QUINCY FAA AP	SNOWFALL																									T			T			
	SN ON GND																												T			
CENTRAL 04																																
DECATUR	SNOWFALL																												T			
	SN ON GND																															
LACON 2 E	SNOWFALL																											.5				
	SN ON GND																															
NORMAL	SNOWFALL																									T		T				
	SN ON GND																															
PEORIA WSO AP	SNOWFALL																											T	T			
	SN ON GND																															
	WTR EQUIV																															
EAST 05																																
HOOPESTON 1 NE	SNOWFALL																										T		T			
	SN ON GND																															
KANKAKEE WTR POLL CTR	SNOWFALL																										T					
	SN ON GND																															
PIPER CITY 3 SE	SNOWFALL																										T		1.0			
	SN ON GND																										T		T			
PONTIAC	SNOWFALL																												.5			
	SN ON GND																															
URBANA	SNOWFALL																									T		T				
	SN ON GND																															
WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL																									T						
	SN ON GND																															
GRIGGSVILLE	SNOWFALL																									T						
	SN ON GND																															
JACKSONVILLE 2 E	SNOWFALL																									T						
	SN ON GND																															
PANA	SNOWFALL																									T						
	SN ON GND																															
SPRINGFIELD WSO AP	SNOWFALL																									T						
	SN ON GND																									T						
	WTR EQUIV																															
EAST SOUTHEAST 07																																
WINDSOR	SNOWFALL																									T						
	SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO IL U	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	7A	6P			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY AP 3 SW R	1577	02	COOK		41 44	87 46	620	MID	MID		C HJ	FRANK M WACHOWSKI
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 3 NW	1944	08	RANDOLPH		38 13	89 39	500		5P		C	L M D CAMPBELL INC
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655	7A	7A			MR & MRS ROBERT PROVIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	CLOSED 09/30/80
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 45	88 33	380	6P	6P		H	LAWRENCE L PICHE
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE F COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

ILLINOIS
OCTOBER 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SMITHLAND L & D	8020	09	POPE		37 10	88 26	358		7A		C	U S CORPS OF ENGINEERS
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 2 ENE	8353	02	LA SALLE		41 08	88 48	650		6P			LARRY G YUSKO
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (808) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
CLOSED STATIONS												
GOLCONDA DAM 51	3522	09	POPE		37 22	88 29	354		6A		C H	CLOSED 09/30/80
NEW STATIONS												
CHGO MIDWAY AP 3 SW R	1577	02	COOK		41 44	87 46	620	MID	MID		C HJ	FRANK M WACHOWSKI
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655	7A	7A			MR & MRS ROBERT PROVIN
SMITHLAND L & D	8020	09	POPE		37 10	88 26	358		7A		C	U S CORPS OF ENGINEERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

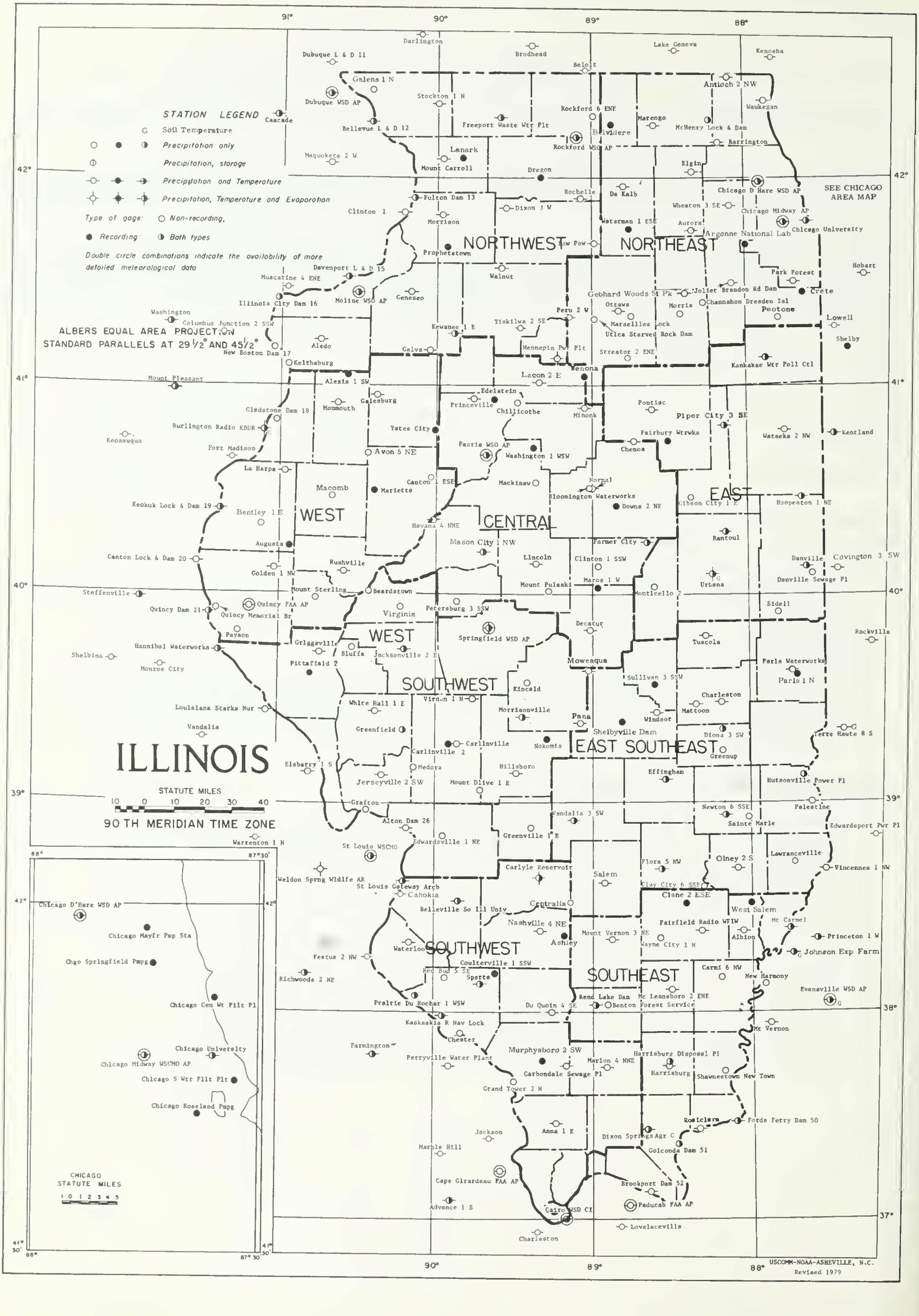
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Dubuque L & D 11
Brodhead
Lake Geneva
Kenosha
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Rockford 6 ENE
Waukegan
Cascade
Bellevue L & D 12
Freeport Waste Wtr Plt
Belvidere
Marengo
McHenry Lock & Dam
Rockford WSO AP
Barrington
Maquoketa 2 W
Lanark
Mount Carroll
Dregon
Elgin
Chicago O Hare WSO AP
Fulton Dam 13
Rochelle
De Kalb
Clinton 1
Dixon 3 W
Wheaton 3 SE
Chicago Midway AP
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Prophetstown
Paw Paw
Davenport L & D 15
Walnut
Hobart
Muscatine 4 ENE
Park Forest
Moline WSO AP
Geneseo
Joliet Brandon Rd Dam
Crete
Illinois City Dam 16
Gebhard Woods St Pk
Channahon Dresden Isl
Ottawa
Morris
Peotone
Washington
Peru 2 W
Marseilles Lock
Columbus Junction 2 SSW
Tiskilwa 2 SE
Utica Starved Rock Dam
Lowell
Kewanee 1 E
Aledo
Shelby
New Boston Dam 17
Hennepin Pwr Plt
Streator 2 ENE
Galva
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville
Chillicothe
Gladstone Dam 18
Monmouth
Minonk
Pontiac
Piper City 3 SE
Burlington Radio KBUR
Yates City
Kentland
Keosauqua
Watseka 2 NW
Fairbury Wtrwks
Fort Madison
Peoria WSO AP
Avon 5 NE
Washington 1 WSW
Chenoa
La Harpe
Canton 1 ESE
Mackinaw
Macomb
Normal
Mariette
Bloomington Waterworks
Keokuk Lock & Dam 19
Gibson City 1 E
Hoopeston 1 NE
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Mason City 1 NW
Farmer City
Rantoul
Augusta
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Covington 3 SW
Rushville
Golden 1 NW
Urbana
Danville Sewage Pl
Maroa 1 W
Mount Pulaski
Steffenville
Mount Sterling
Beardstown
Monticello 2
Quincy FAA AP
Sidell
Quincy Dam 21
Virginia
Petersburg 3 SSW
Quincy Memorial Br
Decatur
Rockville
Payson
Springfield WSO AP
Tuscola
Hannibal Waterworks
Griggsville
Bluffs
Jacksonville 2 E
Shelbina
Moweaqua
Paris Waterworks
Monroe City
Pittsfield 2
Paris 1 N
Sullivan 3 SSW
Kincaid
White Hall 1 E
Virden 1 N
Charleston
Louisiana Starks Nur
Morrisonville
Mattoon
Windsor
Pana
Greenfield
Shelbyville Dam
Terre Haute 8 S
Vandalia
Carlinville
Nokomis
Diona 3 SW
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Palestine
Vandalia 3 SW
Newton 6 SSE
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Carlyle Reservoir
Flora 5 NW
Vincennes 1 NW
Salem
Weldon Spring Wldlfe AR
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
Centralia
Belleville So Ill Univ
West Salem
Mt Carmel
Fairfield Radio WFIW
Nashville 4 NE
Princeton 1 W
Mount Vernon 3 NE
Albion
Ashley
Wayne City 1 N
Johnson Exp Farm
Waterloo
Festus 2 NW
Coulterville 1 SSW
Carmi 6 NW
Red Bud 5 SE
Sparta
New Harmony
Richwoods 2 NE
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam 50
Anna 1 E
Jackson
Dixon Springs Agr C
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979
88°
87°30'
42°
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
1 0 1 2 3 4 5
41° 30'
88°
87° 30'

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS
BULK RATE

NOVEMBER 1980 VOLUME 85 NUMBER 11

Climatological Data

DEPARTMENT OF COMMERCE ☆ UNITED STATES OF AMERICA ☆

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	WATERLOO	83	DATE 08
LOWEST TEMPERATURE:	2 STATIONS	11	DATE 26+
GREATEST TOTAL PRECIPITATION:	BROOKPORT DAM 52	3.12	
LEAST TOTAL PRECIPITATION:	CANTON 1 ESE	.35	
GREATEST 1 DAY PRECIPITATION:	BENTON FOREST SERVICE	1.50	DATE 27
GREATEST TOTAL SNOWFALL:	EFFINGHAM 3 W	13.5	
GREATEST DEPTH OF SNOW OR ICE:	2 STATIONS	11	DATE 28

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	38	SW	07	-	-	-	-	0	0	3	1	1	0	5	56	-
CHICAGO O HARE WSO AP	26	3.7	10.4	26++	22	30	73	73	57	62	2	6	4	0	0	0	12	41	6.5
MOLINE WSO AP	26	3.9	11.3	34	NW	28	65	70	54	60	1	5	2	0	0	0	8	60	5.2
PEORIA WSO AP	27	2.3	10.3	37	NW	28	75	80	60	64	4	2	4	0	0	0	10	61	5.7
ROCKFORD WSO AP	27	2.5	11.1	28++	16	08	71	74	55	62	5	4	2	0	0	0	11	-	6.2
SPRINGFIELD WSO AP	25	2.6	12.3	32++	20	30	78	83	59	64	4	3	3	0	0	0	10	66	5.2

MAR 2 1961
... TECH & AGR DIV

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Heating Degree Days	Cooling Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	PRECIPITATION Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * * NORTHWEST 01																								
ALEDO	50.2	30.3	40.3	.6	73	6	17	25	733	0	0	0	20	0	.96	- .85	.40	28	1.0	0		3	0	0
DIXON 2 W	47.9	26.3	37.1	- 2.1	69	7	14	26	828	0	0	0	25	0	.52	- 1.60	.22	24	.4	0		2	0	0
FREEPORT WASTE WTR PLT	48.0	29.1	38.6		69	7	18	26	787	0	0	0	21	0	.63		.35	14	T	0		2	0	0
FULTON DAM 13	48.9	30.8	39.9	.3	67	7	19	27+	747	0	0	0	16	0	.65	- 1.46	.22	14	T	0		3	0	0
GALVA	48.5	29.7	39.1	- .7	70	8+	19	26+	769	0	0	0	21	0	.70	- 1.24	.22	14	1.5	1	28+	2	0	0
GENESEO	48.5	31.2	39.9		70	6	12	26	747	0	0	0	18	0	.66	- 1.23	.37	23	.7	0		2	0	0
HENNEPIN POWER PLANT	50.8	30.4	40.6		68	8	15	26	723	0	0	0	19	0	.73		.27	28	1.0	T	28	3	0	0
KEWANEE 1 E	48.8	29.1	39.0	- .5	71	7	13	26	773	0	0	0	22	0	.66	- 1.42	.22	14	3.0	0		2	0	0
MOLINE WSO AP R	49.5	29.8	39.7	.5	72	6	15	26	755	0	0	0	18	0	.70	- 1.17	.38	23	1.1	T	28+	2	0	0
MORRISON	49.2	28.6	38.9	- .5	70	7	16	26	778	0	0	0	22	0	.70	- 1.38	.30	24	T	T	29+	3	0	0
MOUNT CARROLL	48.0	23.2	35.6	- 2.5	68	7	11	25	873	0	0	0	26	0	.81	- 1.39	.28	14	2.5	1	29	4	0	0
PAW PAW	47.8	27.2	37.5		65	7	15	27	817	0	0	0	25	0	.79	- 1.36	.30	28	3.5	3	28	4	0	0
ROCHELLE	47.8	27.5	37.7		68	7+	18	27+	813	0	0	0	24	0	.41		.18	14	.6	1	27	2	0	0
ROCKFORD WSO AP //R	47.1	29.3	38.2	.6	70	6	17	26	796	0	0	0	21	0	.68	- 1.69	.26	13	1.4	T	29+	2	0	0
STOCKTON 1 N	46.3	28.4	37.4		66	7	17	25+	824	0	0	0	22	0	1.08		.77	14	.5	1	29	2	1	0
TISKILWA 2 SE																								
WALNUT																								
DIVISION			38.6	- .3											.71	- 1.38			1.1					
* * * NORTHEAST 02																								
ANTIOCH 2 NW	47.1	29.3	38.2	- .1	65	7	19	27	794	0	0	0	22	0	.87	- 1.38	.39	14	2.3	1	29+	3	0	0
AURORA	48.4	30.8	39.6	1.0	67	6	18	26	756	0	0	0	21	0	.94	- 1.21	.30	28	1.0	1	29+	3	0	0
BARRINGTON	47.0	29.0	38.0		65	7	19	26	802	0	0	0	23	0	.82		.50	28				2	1	0
CHICAGO O'HARE WSO AP R	48.5	31.2	39.9	.7	68	6	17	26	746	0	0	0	21	0	1.10	- 1.00	.43	27	5.1	1	29	4	0	0
CHICAGO UNIVERSITY //	51.1	35.9M	43.5M	2.3	68	3	25	26	642	0	0	0		0	1.30	- .84	.56	27	2.0	2	27	4	1	0
CHGO MIDWAY AP 3 SW //R																								
DE KALB	49.3	31.2	40.3	2.3	66	6	18	26	735	0	0	0	21	0	.85	- 1.57	.23	23	2.9	2	27	4	0	0
ELGIN	46.4	28.1	37.3		65	7	18	27+	824	0	0	1	24	0	.94	- 1.36	.42	28	1.5	0		3	0	0
GEBHARD WOODS ST PARK	49.7	30.2M	40.0M		66	8+	16	26	739	0	0	0	23	0	1.03		.38	28	1.3	1	28	4	0	0
JOLIET BRANDON RD DAM	49.5	30.6	40.1	- .3	67	7	20	26	740	0	0	0	23	0	1.00	- 1.09	.41	28				3	0	0
MARENGO	47.5	26.8	37.2	- .5	68	7	17	27+	827	0	0	0	24	0	.89	- 1.36	.23	14	2.5	2	29	4	0	0
OTTAWA	52.9M	33.9M	43.4M	2.3	70	6	18	26	638	0	0	0	17	0	.89	- 1.04	.33	14	T	T	28+	4	0	0
PARK FOREST	48.9	30.2	39.6		68	4	17	26	753	0	0	0	21	0	1.02	- 1.15	.27	14	4.0	3	27	4	0	0
PERU 2 W	51.2	31.4	41.3	.9	70	6	17	26	708	0	0	0	23	0	.58	- 1.32	.34	27	1.0	1	27	2	0	0
WAUKEGAN	47.2	29.4	38.3	- 1.0	65	7	19	27	795	0	0	0	23	0	0 .63	- 1.64	.19	14	1.0			4	0	0
WHEATON 3 SE	49.7M	31.6M	40.7M		66	6	15	26	724	0	0	0	20	0	1.14	- 1.08	.44	27	5.7	2	27	4	0	0
DIVISION			39.8	.1											.93	- 1.23			2.3					
* * * WEST 03																								
GALESBURG	50.1	30.7	40.4		72	6	18	25	730	0	0	0	20	0	.70	- 1.26	.33	14	1.0	1	28	2	0	0
GOLDEN 1 NW	54.5	32.4	43.5		75	8+	17	25	641	1	0	0	16	0	.76	- 1.09	.35	23	2.0			2	0	0
LA HARPE	52.8	32.1	42.5	1.4	73	7+	16	26	668	0	0	0	18	0	.79	- .96	.30	23	1.5	T	28+	3	0	0
MONMOUTH	50.5	32.0	41.3	1.1	70	7+	16	26	706	0	0	0	17	0	.68	- 1.19	.30	14	1.0	0		2	0	0
QUINCY FAA AP	51.1	32.4	41.8		75	8	17	26	689	0	0	1	15	0	.74	- 1.03	.26	23+	1.2	1	28+	3	0	0
QUINCY DAM 21 //	53.3	29.0	41.2		79	9	17	26	709	0	0	0	22	0	.96	- .68	.38	14	2.0	0		4	0	0
RUSHVILLE	52.6	33.0	42.8	.9	73	7	17	26	662	0	0	0	16	0	.74	- 1.45	.34	14	3.5	0		3	0	0
DIVISION			41.9	.5											.77	- 1.17			1.7					
* * * CENTRAL 04																								
CHENOA	51.0	31.0	41.0		70	7	15	26	710	0	0	0	19	0	1.08		.47	27	5.3	3	28+	3	0	0
DECATUR	52.7	32.7	42.7	.0	73	7	15	26	663	0	0	0	15	0	1.15	- 1.60	.60	27	9.0	9	28	3	1	0
FARMER CITY	51.9	32.5	42.2		72	7	19	26	677	0	0	0	16	0	.77		.53	27	7.0	7	28	2	1	0
HAVANA 4 NNE	52.6	30.0	41.3		73	8	15	26	705	0	0	0	19	0	.94	- 1.23	.37	14	3.5	3	28	4	0	0
LACON 2 E	52.2	32.2	42.2		71	7	15	26	678	0	0	0	20	0	1.11		.37	14	2.5	3	27	4	0	0
LINCOLN	52.9	33.1	43.0	1.1	73	7	19	26	654	0	0	0	14	0	.90	- 1.35	.35	27	7.0	6	28	3	0	0
MASON CITY 1 NW	52.3	32.4	42.4		73	7	17	26	674	0	0	0	17	0	.77		.23	14	6.0	3	28	4	0	0
MINONK																								
NORMAL	52.8	33.0	42.9	1.1	71	7	16	26	659	0	0	0	18	0	1.06	- 1.29	.37	14	4.6	3	27	4	0	0
PEORIA WSO AP //R	50.0	31.3	40.7	.8	69	7+	16	26	722	0	0	0	21	0	.67	- 1.35	.23	27	4.1	3	28	4	0	0
PRINCEVILLE	51.5	29.9	40.7		73	7	14	26+	719	0	0	0	21	0	.72	- 1.13	.24	23	2.0			4	0	0
DIVISION			41.9	.6											.92	- 1.31			5.1					
* * * EAST 05																								
DANVILLE	52.0	32.2	42.1	.1	72	7	16	26	680	0	0	0	18	0	1.40	- 1.42	.83	27	8.3	5	27	4	1	0
GIBSON CITY 1 E	50.1	28.5	39.3		71	8	15	26	763	0	0	0	21	0	1.10	- 1.20	.52	27	9.0	7	28	4	1	0
HOOPESTON 1 NE	50.3	32.7	41.5	.3	70	3	20	26	700	0	0	0	18	0	.67	- 1.91	.18	27	3.4	2	29+	4	0	0
KANKAKEE WTR POLL CTR	52.1	31.0	41.6		69	14	19	28+	697	0	0	0	18	0	1.35		.64	28	4.0	4	28	3	1	0
PIPER CITY 3 SE	50.3	30.5	40.4	- .2	71	7	15	26	732	0	0	0	20	0	1.12	- .87	.46	27	7.3	6	29+	3	0	0
PONTIAC	52.0	33.3	42.7	1.5	72	7	17	26	660	0	0	0	17	0	1.22	- .71	.47	27	6.5	4	27	4	0	0
RANTOUL	51.5M	30.7M	41.1M		70	8	19	26	715	0	0	0	17	0			1.00	27		11	28	4	1	1
URBANA	50.1	32.8	41.5	- .1	71	7	22	26	700	0	0	0	18	0	1.63	- .93	1.02	27	10.9	8	28	3	1	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
WATSEKA 2 NW	50.1	29.1	39.6		70	8	16	27+	755	0	0	0	22	0	1.29	- 1.12	.46	14	6.2	6	28	4	0	0
DIVISION			41.1	.0											1.22	- 1.12			7.0					
* * *																								
WEST SOUTHWEST 06																								
ALTON DAM 26	53.3	32.5	42.9		75	8	21	26+	654	0	0	0	16	0	1.28		.82	27		7	27	2	1	0
CARLINVILLE	53.8	33.1	43.5	.2	77	7	17	26	642	2	0	0	17	0	1.00	- 1.58	.36	27	6.3	3	28+	4	0	0
GRIGGSVILLE	53.4	34.9	44.2	1.1	76	8	17	26	620	2	0	0	12	0	.68	- 1.55	.16	28	1.5	1	28	4	0	0
HILLSBORO	54.8	32.8	43.8	- .1	77	7	19	25	630	1	0	0	17	0	1.19	- 1.67	.65	27	6.0			3	1	0
JACKSONVILLE 2 E	52.7	29.1	40.9	- 2.2	74	8	15	26	717	0	0	0	20	0	.38	- 1.93	.10	23	3.5	3	28	1	0	0
JERSEYVILLE 2 SW	53.0	29.8	41.4		76	8	11	26	701	0	0	0	19	0	.74		.32	27	7.0	7	28	2	0	0
MORRISONVILLE	51.9M	29.8M	40.9M		74	8	15	27	719	0	0	0	20	0	.94		.40	27	5.0	5	28+	4	0	0
PANA	51.4	34.5	43.0	.1	73	7	23	26+	653	0	0	0	13	0	1.53	- 1.35	.90	27	10.5	11	28	3	1	0
SPRINGFIELD WSO AP R	52.2	32.3	42.3	.4	74	7	15	26	675	0	0	0	15	0	.57	- 1.57	.22	23	3.5	3	28	3	0	0
VIRDEN 1 N	53.5	32.1	42.8		75	7	17	26	659	0	0	0	20	0	1.22	- 1.29	.45	27	6.0	4	27	6	0	0
WHITE HALL 1 E	54.1	33.5	43.8	.0	75	7	18	26	630	0	0	0	14	0	.53	- 1.71	.15	23	.0	0		2	0	0
DIVISION			42.7	- .6											.91	- 1.62			4.9					
* * *																								
EAST SOUTHEAST 07																								
CASEY	51.4	32.3	41.9		72	7	20	26	687	0	0	0	17	0	1.73		.97	27	8.1	6	27	4	1	0
CHARLESTON	51.0M	33.2M	42.1M	- 1.0	70	6	20	26	680	0	0	0	15	0	1.63	- 1.57	.89	27	10.0	8	27	4	1	0
EFFINGHAM 3 W	50.9	29.8	40.4	- 2.7	73	8	18	26	732	0	0	0	19	0	1.58	- 1.61	.89	27	13.5	10	27	4	1	0
FLORA 5 NW	53.6	34.0	43.8	- 9	75	7	21	25	632	1	0	0	17	0	2.20	- 1.02	.98	27		6	27	4	2	0
MATTOON	51.2	31.3	41.3		72	7	19	26	704	0	0	0	19	0	1.24		.70	27	9.5	5	27	2	1	0
MOWEAQUA	54.2M	33.2M	43.7M		74	7	20	26+	634	0	0	0	15	0	1.26		.40	24		9	27	4	0	0
NEWTON 6 SSE	52.5	31.9	42.2		74	8	23	26+	678	0	0	0	19	0	1.87	- 1.23	.82	27	7.0	5	28+	5	1	0
OLNEY 2 S	53.4	34.8	44.1	- 1.0	76	7	20	19	620	0	0	0	14	0	2.35	- 1.14	1.10	27	6.0				2	1
PALESTINE	52.6	35.0	43.8	- .3	74	7	23	26	629	0	0	0	14	0	1.90	- 1.47	.99	27	4.0	1	28+	3	2	0
PARIS WATERWORKS	50.6	33.5	42.1	- .5	71	7	19	26	680	0	0	0	18	0	1.43	- 1.66	.75	27	11.5	9	28	4	1	0
SALEM	53.3	34.6	44.0		77	7	22	20+	627	3	0	0	15	0	1.90		.76	27				4	2	0
TUSCOLA	52.0	31.5M	41.8M		72	7	19	19	685	0	0	0	17	0	1.34	- 1.56	.80	27	9.0	8	27	4	1	0
VANDALIA 3 ENE	54.1M	32.5M	43.3M		76	8	20	26	642	0	0	0	16	0	1.16		.74	27	8.8	9	28+	3	1	0
WINDSOR	52.5	33.3	42.9	.2	72	7	20	26	655	0	0	0	16	0	1.40	- 1.63	.79	27	11.0	10	28	2	1	0
DIVISION			42.7	- .7											1.64	- 1.52			8.9					
* * *																								
SOUTHWEST 08																								
ANNA 1 E	55.8	36.4	46.1	- .5	76	8+	22	20	563	3	0	0	10	0	2.65	- 1.11	1.35	27	6.1	4	27	4	2	1
BELLEVILLE SO IL U	56.4	34.3	45.4		80	7	20	25+	582	1	0	0	13	0										0
CAHOKIA	57.1	29.1	43.1		82	10	20	27	651	0	0	0	20	0			.60	27						0
CAIRO WSO CI R	56.7	39.8	48.3	.0	78	8+	28	19	495	3	0	0	5	0	2.25	- 1.60	1.09	17	2.8	2	27	5	2	1
CARBONDALE SEWAGE PL	55.6	31.2	43.4	- 2.8	77	8	20	19	642	0	0	0	15	0	2.33	- 1.15	.75	27	6.5	7	27	4	3	0
CARLYLE RESERVOIR	53.4	33.9	43.7	- .8	78	8	22	25	632	0	0	0	14	0	1.01	- 2.04	.33	23	9.3	7	27	4	0	0
DU QUOIN 4 SE	54.2	33.3	43.8	- 2.2	77	7	22	19	631	0	0	0	19	0			1.17	17	9.0	6	27+	3	2	1
KASKASKIA R NAV LOCK	56.5	33.4	45.0		82	8	21	25	594	0	0	0	14	0	1.93		.55	27	8.0	8	28+	5	1	0
MARION 4 NNE	55.6M	33.1	44.4M		79	8	20	20+	616	1	0	0	13	0	2.47	- .87	.94	27	5.8	6	27	4	2	0
NASHVILLE 4 NE	53.8	36.4	45.1		78	7	24	25	593	2	0	0	12	0	2.08	- 1.08	.82	27	9.0	8	28+	4	1	0
SPARTA	55.1	36.3	45.7	.6	82	7	22	25	577	3	0	0	11	0	1.98	- 1.19	.73	17	8.7	6	27	4	2	0
WATERLOO	55.1	34.3	44.7		83	8	18	25	602	0	0	0	15	0	1.82	- 1.02	.85	27	12.0	9	28+	5	1	0
DIVISION			44.9	- 1.2											2.06	- 1.27			7.7					
* * *																								
SOUTHEAST 09																								
ALBION	56.5M	37.3M	46.9M		78	7			537	3	0	0	12	0			1.16	17	T	0		4	2	2
BROOKPORT DAM 52	56.9	35.0M	46.0M		78	7	23	20+	562	0	0	0	10	0	3.12	- .66	1.13	27	.0	0		5	3	1
DIXON SPRINGS AGR C	57.0	35.8	46.4		77	7	20	19	556	3	0	0	11	0	2.56		1.07	27	T	T	27	4	2	2
FAIRFIELD RADIO WFIW	54.1	35.2	44.7	- .7	76	7	22	22+	606	1	0	0	14	0	2.77	- .80	1.08	27+	5.5	5	27	4	2	2
HARRISBURG	57.0	35.9	46.5	- .4	77	8+	22	19	553	2	0	0	10	0	2.97	- .45	1.18	17	2.0	2	27	4	3	1
MC LEANSBORO 2 ENE	54.0	33.5	43.8	- 2.3	77	8	23	20+	633	0	0	0	17	0	2.86	- .49	1.22	27	6.0	6	27	4	2	1
MT CARMEL	54.4	33.5	44.0		77	8	25	20+	625	0	0	0	18	0	1.89		.86	18	.0	0		4	2	0
MT VERNON 3 NE	53.1M	32.6	42.9M	- 2.2	79	8	19	19	658	0	0	1	17	0	2.23	- 1.09	.56	18				5	2	0
RENO LAKE DAM	54.8	34.4	44.6		78	8	24	25+	603	0	0	0	13	0	2.39		.80	27	.0	0		4	2	0
ROSICLARE	56.1	35.0	45.6		79	7	22	20	577	1	0	0	13	0	2.88	- .69	1.22	17	.7	0		3	2	2
DIVISION			45.1	- .9											2.63	- .86			1.6					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																	
ALEDO	.96													T		.15											.36				.05	.40			
DIXON 2 W	.52					.06									T		.19											.22						.05		
FREEPORT WASTE WTR PLT	.63					.01									T		.35										.04	.16				.02	.05		
FULTON DAM 13	.65					.04									.03		.22										.12	.18			T	T	.06		
GALENA	.95					T									.05		.57										.18	.05			T	.05	.05		
GALVA	.70					.01									.05		.22	.02									.21	.08			.02	.09	T		
GENESEO	.66			.02											.06	.12		T									.37				.07	.02			
HENNEPIN POWER PLANT	.73					.04											.24										.18	T			T	.27	T		
ILLINOIS CITY DAM 16 //	.45					T									.02		.19										.12				.12	T			
KEITHSBURG	.61																.17										.36	.08								
KEWANEE 1 E	.66					.02									.08		.22										.21	.05			.05	.02	.01		
MOLINE WSO AP R	.70			.01					T				.01	.03	.18												.38				.08	.01			
MORRISON	.70					.04									.03		.15											.30			.03	.10	.05		
MOUNT CARROLL	.81					.04									.03		.28										.19	.10				.02	.15		
NEW BOSTON DAM 17	.51					T					T						.13										.21	.12			T	.05	T		
PAW PAW	.79					.03											.02	.16										.15	.10			T	.30	.03		
ROCHELLE	.41					T									T		.18											.17			.06	T	T		
ROCKFORD 6 ENE	.64					.02				T			.02			.30											.22				.03	.05		
ROCKFORD WSO AP //R	.68			.04				T	T				.01	.26	T				T						.22				.08	.07	T		
STOCKTON 1 N	1.08														.03		.77										.08	.15			T		.05		
TISKILWA 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WALNUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTHEAST 02																																	
ANTIOCH 2 NW	.87					.05				.03					T	.39				T						.05	.12				.18	.05		
AURORA	.94					.08									.02		.28	.03									.05	.12			T	.30	.06		
BARRINGTON	.82					.04				T				T		.02				.02				T	.02	.09			.02	.50	.11		
CHANNAHON DRESDEN ISL	1.12					.04											.31										.12	.12			.10	.38	.05		
CHICAGO O'HARE WSO AP R	1.10			.03				T						.01	.20	.09				T	.02						.11	.02			.43	.16	.03		
CHICAGO UNIVERSITY //	1.30					.08				.01				.01		.20	.01			.03						.11	.07			.56	.15	.07		
CHGO MIDWAY AP 3 SW //R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DE KALB	.85					.04	T							.04	T	.22	T	T	T							.23		T	T	.17	.11	.04		
ELGIN	.94					.11									.01	T	.31									.02	.07					.42			
GEBHARD WOODS ST PARK	1.03					.04											.23	T									.14	.06			T	.38	.18		
JOLIET BRANDON RD DAM	1.00					.02										1	.32	.01									.04	.12			.05	.41	.03		
MARENGO	.89					.15				.02				.01		.23										.05	.18				.17	.08		
MARSEILLES LOCK	1.05					.05									T		.28										.10	.10			.02	.43	.07		
MC HENRY LOCK AND DAM	.87					.05				T				T		.24										.03	.09			T	.40	.06		
MORRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTTAWA	.89																.33										.17				.26	.12	.01		
PARK FOREST	1.02					.03						T		.01	.27	T			.04						.08	.14			.21	.20	.04		
PEOTONE	1.12					.08											.48										T	.30			.22	T	.04		
PERU 2 W	.58													T																.34	.24			
STREATOR 3 SE	1.25					.11									T		.22										.13	.08			.38	.33			
UTICA STARVED ROCK DAM	1.09					.04									.01		.31										.18	.08			.15	.28	.04		
WAUKEGAN	0 .63					.09				T	T			T		.19				T							.13	T			.120	.10		
WHEATON 3 SE	1.14					.05		.02									.24				.01						.12	T			.44	.14	.06	.06	
WEST 03																																	
AVON 5 NE	.55					T									.02		.11										.11	.10			T	.21			
BENTLEY 1 E	.62			.01											.01		.25	.02									.26				.05	.02			
CANTON 1 ESE	.35			.10													T										.05				.20				
GALESBURG	.70					.01									.02		.33	T									.15	.09			.03	.07	T		
GLADSTONE DAM 18	.93																.47	.01									.25	.11			T	.09			
GOLDEN 1 NW	.76																.32										.35				.04	.05			
LA HARPE	.79					T									T		.26	.07									.30	T			.12	.04			
MACOMB	.50					.06									T		.18	.02									.16	.03			T	.05			
MONMOUTH	.68			.02											T		.30										.28				.08	T			
MOUNT STERLING	-																.15										-				.30	.05			
PAYSON	.77																.16	.10									.26	.03			.10	.12			
QUINCY FAA AP	.74															.13	.26	.02									.26				.01	.06	T			
QUINCY DAM 21 //	.96																.38	.05									.26	.03			.13	.11			
QUINCY MEMORIAL BRIDGE	.89					T											.37	.05									.25				.07	.15			
RUSHVILLE	.74			T	T											.34	.09									.13				.11	.07			
CENTRAL 04																																	
BLOOMINGTON WATERWORKS	1.28					.03											.32										.50	.04				.21	.18		
BRADFORD 1 W	.59												.08				.24										.27				T				
CHENOA	1.08			T										T		.35										.15	.02			.47	.09			
CHILLICOTHE	.84					.04									.04		.21											.15			.20	.20	T		
CLINTON 1 SSW	.99					.01											.02	.02									.19	.06			.43	.25	.01		
DECATUR	1.15					.01											.05	T									.26	.04			.60	.19	T		
FARMER CITY	.77					.04											.05															.50	.14	.04		
HAVANA 4 NNE	.94					T											.37	T									T	.17			.15	.25	T		
LACON 2 E	1.11			.03	T									.04		.37										.32				.19	.13	.03		
LINCOLN	.90					T									T		.06	.01									.17	.04			.35	.27			
MACKINAW	1.20					.03											.36										.18	.05			.37	.20	.01		
MASON CITY 1 NW	.77																.23										.20	.01			.18	.15	T		
MINONK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT PULASKI	.55											T				.05										.17				.33	T			
NORMAL	1.06					.03									1		.37	.01									.14	.04			.31	.14	.02		
PEORIA WSO AP //R	.67			.01								T	T	.05	.12	T									.15	T			.23	.11			
PETERSBURG 3 SSW	.74																T	.12									T	.17			.17	.28			
PRINCEVILLE	.72			.10													.22										.24				.16	T			
EAST 05																																	
DANVILLE	1.40			T													.15	.05									.15	.06			.83	.15	.01		
DANVILLE SEWAGE PLANT	1.47															.13	.10										.11	.11	.01		.88	.13			
FAIRBURY WATERWORKS	.74			T													.28										.13	T			.29	.04	T	1	
GIBSON CITY 1 E	1.10					.01											.15	.04									.11	.05			.52	.18	.04		
HOOPESTON 1 NE	.67					T				T							.13	.03									.07	.10	T		.18	.12	.04		
KANKAKEE WTR POLL CTR	1.35					T											48				T						.11	.06				.64		.06	
MONTICELLO 2	1.25																.02	.02									.28	.05			.73	.13	.02		
PIPER CITY 3 SE	1.12					T											.32	T			1						.03	.04			.46	.24	.03		
PONTIAC	1.22					T											.30	T									.12	.08			.47	.25	1		
RANTOUL	-					.03											-	.05									.22	.07			1.00	.12	.10		
SIDELL	.94																.16				.02						.17				.59				
URBANA	1.63			1													.04	.06									.28	.03			1.02	.20			
WATSEKA 2 NW	1.29					1											46	T								.05		.14			.45	.17	.02		
WEST SOUTHWEST 06																																	
ALTON DAM 26	1.28																.02	.03	.05		T						.25	.03			.82	.08			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

ILLINOIS
NOVEMBER 1980

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BEARDSTOWN	57														.13	.05								.17	10			12	T			
BLUFFS	-														.14	.09												32	12		10	
CARLINVILLE	1.00														.12	.04								.28	.02			36	18			
EDWARDSVILLE 1 NE	1.10														T	.01	.01	T	.07					21	.01			53	26			
GRAFTON	1.05														.03	.02	14							.23	.05			.47	11			
GREENFIELD	.98														.11	.08								.23	.07			27	22			
GREENVILLE 1 E	1.41															1	.05	1	19					.38	.01			58	20			
GRIGGSVILLE	.68				.01				1						.14	.10								.09	.13			05	16			
HILLSBORO	1.19														T	1		T						.38				65	.16			
JACKSONVILLE 2 E	.38				.04										.04	.06	T							.10	.03			03	08	1		
JERSEYVILLE 2 SW	.74														.08	.08	.02							18	.04			.32	.02			
KINCAID	1.03														.10									.38				.39	.16			
MEDORA	.95														.10	.04								.21				.60				
MORRISONVILLE	.94															.12								.22	.01			40	.19			
MOUNT OLIVE 1 E	.98															.06			T					.12	.18			.51	.11			
PANA	1.53														.06	.04			1					.33	.05			.90	.15			
SPRINGFIELD WSO AP R	.57			.01								T	T	T	.05	T								.22	.01			.15	.13			
VIRDEN 1 N	1.22				1										.12	.11					.12	1		.27	.03			.45	.12			
VIRGINIA	48														.11	.04								.07	.09			.07	.10			
WHITE HALL 1 E	.53														.10	.08	.03							.15	.02	.01	.01	06	.07			
EAST SOUTHEAST 07																																	
CASEY	1.73			T											.02	.05	.05	.21						.23	.03			.97	.14	.03		
CHARLESTON	1.63				T										.03	.04			.27					.25	.05			.89	.10	T		
CLAY CITY 6 SSE	2.31																	.25	.52						.34			1.08	.12			
DIONA 3 SW	0 .74																.05		0 .10						46			0 .12	0 .01			
EFFINGHAM 3 W	1.58				T				T							T	.03	.03	.19					.20	.01			.89	.20	.03		
FLORA 5 NW	2.20														.02	.04		.56	.02					.38	T		T	.98	.20			
GREENUP	1.75															.02								.21	.29		.01	1.08	14			
HUTSONVILLE POWER PL	1.12															T	T	.01	.02					.12	.06			.78	.13			
LAWRENCEVILLE	2.09				T											.02	.08	.08	.63					.27	.01	T		.77	.19	.04		
MATTOON	1.24			.05											.02	.04		.09						.20	.04		.04	.70	.06			
MOWEAQUA	1.26														.36	.11								.30	.40		.07	.02				
NEWTON 6 SSE	1.87															1	.08	.18	.38					.28	.03			.82	.10	T		
OLNEY 2 S	2.35															.10		.69						•	.36			1.10	.10			
PALESTINE	1.90			T											T	.07		.50						.25	T			.99	.09			
PARIS WATERWORKS	1.43		T	T	.04			T							.03	.04		.18						.17	.07			.75	.10	.05		
SAINTE MARIE	1.76															.01	.08	.16	.37					.28	.04			82	T			
SALEM	1.90														.01	.04		.55						.36	T			76	.18			
TUSCOLA	1.34			.02											.10	.03								.25	.04			.80	.10			
VANDALIA 3 ENE	1.16															T	T	1	.16									74	.26			
WINDSOR	1.40				.05								T		.04	.01		.06						.35	.04			79	.06			
SOUTHWEST 08																																	
ANNA 1 E	2.65														.05	.05		.78						.25	.05			1.35	.12			
BELLEVILLE SO IL U	-														T	T		.16						-				-				
CAHOKIA	-															-	-	-	-					.21	.03			.60	.40			
CAIRO WSO CI R	2.25														14			1.09						.29			.53	.20				
CARBONDALE SEWAGE PL	2.33															T	.07	.62	.53					.26	.04			.75	.06			
CARLYLE RESERVOIR	1.01															.01	.01	.05	.13					.33				.31	.17			
CENTRALIA	2.62															.04	.05	.33	.46					.41				.95	.38			
CHESTER	2.72															.02	.10	.65	.59					.28	.02			.89	.17			
COULTERVILLE 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU QUOIN 4 SE	-															.06		1.17									.61	.34				
GRAND TOWER 2 N	-															T		.82	47					-				.62				
KASKASKIA R NAV LOCK	1.93															.03	.10	.46	48					.28	.03			.55	1			
MARION 4 NNE	2.47															T	.07	.67	.43					.29	1			.94	.07			
NASHVILLE 4 NE	2.08															.03	.05	.36	.34					40				.82	.08			
PRAIRIE DU ROCHER 1WSW	2.37															.05	.05	.37	.35					.23	T			1.18	.14			
RED BUD 5 SE	1.60														T	1		•	.70					.30				.52	.08			
SPARTA	1.98														.02	.07		.73						.33	.02		T	.71	.10			
WATERLOO	1.82															.03	.03	.21	.16					.27	.04			.85	.23			
SOUTHEAST 09																																	
ALBION	-															.09	.02	1.16										1.13	.26			
BENTON FOREST SERVICE	3.10															04		.66	48					•	42			1.50				
BROOKPORT DAM 52	3.12			T												.15	.02	.60	83					.36				1.13	.03			
CARMI 6 NW	2.05															T	T	.38	.59					.30	.05			.68	.05			
DIXON SPRINGS AGR C	2.56														T	.04	1	1.05	.10					.27	T			1.07	.03			
FAIRFIELD RADIO WFIW	2.77									T					1	.06		1.08	T					.36	.05			1.08	.14			
HARRISBURG	2.97															T		1.18	.50					.24				.99	.06			
HARRISBURG DISPOSAL PL	2.30															T	.01	.58	.62					.24	.01			.80	.04			
MC LEANSBORO 2 ENE	2.86																.02	.45	.70					.37	.05			1.22	.05			
MT CARMEL	1.89															.02	.03	T	.86					.12	.22			.56	.02	.06		
MT VERNON 3 NE	2.23																	.36	.56					.38	.02			.50	.41			
RENO LAKE DAM	2.39															T	.05	.65	.41					.47	.01			.80				
ROSICLARE	2.88														T	.08		1.22						.34	.04			1.16	04			
SHAWNEETOWN NEW TOWN	2.85				T											T	.16	.51	.78					.26	.12			.93	.09	T		
SMITHLAND L & D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAYNE CITY 1 N	-															-	-	-	.90									.70				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	53	59	60	57	53	73	67	64	65	59	47	58	64	50	36	41	36	39	49	52	46	52	44	40	34	37	35	35	44	57		50.2
	MIN	31	30	47	38	32	36	34	34	44	30	26	34	49	35	30	21	25	20	24	26	25	29	37	24	17	18	25	25	31	31		30.3
DIXON 2 W	MAX	60	49	55	59	54	49	69	61	61	61	43	44	56	60	37	38	42	37	38	46	51	45	53	40	37	36	38	36	38	45		47.9
	MIN	29	24	30	37	28	24	31	35	40	27	24	30	35	35	30	18	21	22	19	19	23	23	28	26	19	14	15	30	29	25		26.3
FREEPORT WASTE WTR PLT	MAX	61	49	55	60	55	50	69	56	59	62	43	40	57	58	37	39	43	37	39	47	51	46	57	40	35	36	40	36	39	44		48.0
	MIN	30	25	41	41	30	29	40	36	35	34	25	30	37	36	31	20	23	20	23	25	27	27	34	27	20	18	20	31	30	28		29.1
FULTON DAM 13	MAX	62	50	58	60	54	50	67	57	62	63	53	47	55	58	39	39	42	38	40	47	53	47	54	41	35	36	39	35	39	46		48.9
	MIN	35	31	31	42	36	35	40	37	40	37	33	33	33	39	33	23	23	25	25	26	26	27	25	29	25	19	19	32	32	33		30.8
GALVA	MAX	60	50	57	59	55	50	70	70	68	64	44	46	55	64	38	36	40	37	38	45	50	49	51	40	34	34	37	34	38	43		48.5
	MIN	34	32	32	37	33	36	41	36	40	29	28	32	38	37	32	23	23	24	24	26	25	26	27	26	19	19	21	30	30	32		29.7
GENESEO	MAX	48	50	60	55	51	70	65	64	64	44	45	52	64	41	38	40	38	39	47	52	46	51	43	37	36	38	37	38	45	57		48.5
	MIN	33	30	48	40	32	37	41	37	41	29	27	36	41	34	26	22	26	23	25	29	28	32	36	26	20	12	31	29	32	33		31.2
HENNEPIN POWER PLANT	MAX	64	51	59	63	56	51	67	68	63	66	47	48	60	64	40	40	45	41	45	49	53	48	53	45	39	39	39	36	39	47		50.8
	MIN	30	26	37	42	32	28	42	40	44	35	22	33	38	39	33	20	26	27	22	27	29	27	35	31	21	15	18	32	32	30		30.4
KEWANEE 1 E	MAX	62	48	57	60	55	53	71	68	62	66	44	45	56	63	38	37	39	38	39	47	51	48	51	41	36	36	37	34	38	44		48.8
	MIN	33	27	38	39	32	28	46	36	36	30	24	31	38	36	31	20	25	23	21	23	26	26	30	27	18	13	29	30	29	29		29.1
MOLINE WSO AP	MAX	50	59	60	57	52	72	66	65	65	44	47	57	64	41	37	41	37	40	48	53	47	54	43	36	36	37	35	39	46	58		49.5
	MIN	29	26	48	39	30	34	39	37	41	29	27	35	41	34	23	19	21	20	22	28	27	34	35	24	16	15	30	27	32	33		29.8
MORRISON	MAX	62	50	57	59	55	50	70	62	63	64	45	47	57	60	39	39	44	39	39	48	52	48	52	40	37	37	39	38	38	45		49.2
	MIN	32	26	30	39	31	28	37	36	41	31	27	33	39	37	31	19	19	21	19	24	26	28	33	27	20	16	18	32	30	28		28.6
MOUNT CARROLL	MAX	61	50	56	59	55	50	68	58	59	62	44	45	56	59	37	39	44	37	39	45	50	46	53	40	36	36	40	36	37	43		48.0
	MIN	20	19	31	33	20	23	32	28	40	25	20	30	36	35	29	14	17	12	14	15	18	19	31	23	11	12	13	29	27	21		23.2
PAW PAW	MAX	59	49	55	59	53	59	65	62	58	61	46	43	55	60	38	37	43	39	39	46	49	46	52	41	37	35	37	34	37	40		47.8
	MIN	30	29	33	39	28	28	32	37	38	30	26	30	30	36	30	21	20	21	22	22	16	23	26	31	21	18	15	31	28	26		27.2
ROCHELLE	MAX	60	57	55	68	54	48	68	58	57	61	43	43	55	61	39	40	43	37	37	45	49	43	53	41	36	36	39	34	36	38		47.8
	MIN	28	27	27	33	29	28	35	40	36	29	30	30	35	35	30	29	20	24	20	22	22	22	29	29	20	18	18	31	28	20		27.5
ROCKFORD WSO AP	MAX	47	54	60	54	49	70	57	60	62	41	40	56	60	39	36	41	37	37	44	50	45	55	41	36	36	39	34	37	42	54		47.1
	MIN	28	25	46	39	29	30	34	37	41	27	27	36	39	34	25	21	23	21	21	24	26	26	35	31	20	17	32	31	27	28		29.3
STOCKTON 1 N	MAX	60	46	55	59	54	48	66	52	56	60	42	41	54	56	35	36	43	35	38	45	49	45	52	40	34	35	39	35	36	42		46.3
	MIN	33	22	35	39	31	31	42	32	38	29	22	30	37	34	29	20	24	17	22	26	25	27	36	23	17	20	24	29	30	27		28.4
TISKILWA 2 SE	MAX																																
	MIN																																
WALNUT	MAX																																
	MIN																																
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	59	46	52	60	52	47	65	54	59	61	41	41	50	57	39	38	45	40	39	48	49	45	54	41	38	40	42	36	36	40		47.1
	MIN	30	25	30	41	33	30	38	37	38	30	21	22	35	35	30	24	24	24	22	23	30	29	35	32	28	22	19	32	29	30		29.3
AURORA	MAX	50	53	62	49	50	67	61	60	63	44	46	53	60	48	42	40	40	40	47	51	45	54	44	39	39	38	36	37	41	53		48.4
	MIN	30	26	45	39	30	31	41	40	42	28	25	35	43	34	32	26	27	26	23	25	27	28	37	28	24	18	32	30	30	22		30.8
BARRINGTON	MAX	59	45	57	61	52	48	65	55	59	61	41	43	50	57	39	39	43	40	39	46	49	42	54	42	37	39	40	34	34	40		47.0
	MIN	30	24	36	40	30	28	38	37	38	30	23	27	35	34	30	22	23	25	23	23	28	27	31	32	28	19	20	30	28	30		29.0
CHICAGO O'HARE WSO AP	MAX	47	54	66	56	49	68	62	61	62	44	43	52	61	45	43	42	42	41	46	49	44	54	44	39	39	40	37	35	40	51		48.5
	MIN	29	25	50	39	27	28	40	43	44	29	28	35	45	37	30	26	28	25	21	29	27	26	35	28	22	17	30	32	29	32		31.2
CHICAGO UNIVERSITY	MAX	61	47	68	66	54	64	67	54	63	64	44	47	60	62	42	43	41	42	44	49	50	53	54	44	41	41	39	38	41	51		51.1
	MIN	38	32		43	37	37	52	43	43	37	35	36	45	41	37	34	33	32	28	30	31	34	40	36	32	25	32	32	32	34		35.9
CHGO MIDWAY AP 3 SW	MAX																																
	MIN																																
DE KALB	MAX	55	53	60	55	51	66	63	54	61	57	45	54	60	57	37	44	38	39	45	49	47	55	46	40	38	40	35	38	42	56		49.3
	MIN	32	27	45	38	30	29	46	38	45	30	26	35	44	35	30	22	25	23	24	27	26	28	36	31	24	18	31	30	30	30		31.2
ELGIN	MAX	60	46	52	60	52	47	65	57	58	61	41	43	51	57	39	38	42	39	38	45	47	43	53	40	37	31	39	33	38	40		46.4
	MIN	32	27	29	38	31	28	35	37	38	25	25	28	33	35	30	25	26	24	23	22	22	26	21	31	28	18	18	31	29	27		28.1
GEBHARD WOODS ST PARK	MAX	62	50	56	66	55	50	66	66	61	64	46	42	55	65	42	42	44	41	41	47	51	45	55	43	40	38	37	39	38	43		49.7
	MIN	29	24	31	41	32	29	38	42	44	31	25	32	37	39	32	28	28	27	23	28	28	28	30	34	19	16	19		31	31		30.2
JOLIET BRANDON RD DAM	MAX	62	50	55	66	55	49	67	65	64	64	43	47	49	63	42	43	40	42	41	46	51	45	55	44	42	40	40	36	36	44		49.5
	MIN	32	29	32	40	32	30	36	42	42	34	27	32	30	38	32	29	30	28	24	25	26	26	31	33	25	20	21	31	30	30		30.6
MARENGO	MAX	62	47	54	60	55	50	68	56	57	63	42	42	52	58	38	37	43	38	38	47	49	45	54	41	37	38	41	35	36	42		47.5
	MIN	27	21	22	38	23	22	38	34	38	31	21	28	35	34	29	21	22	21	21	22	26	26	29	30	24	17	17	30	29	28		26.8
OTTAWA	MAX		61	65	59	53	70	68	60	67	61	50	59	64	58	40	45	42	43	50	53	59		49	43	40	41	36	40	46	58		52.9
	MIN		29	46	41	32	31	55	41	48	33	27	38	45	40	34	26	31	28	25	28	28		40	34	23	18	32	33	32	32		33.9
PARK FOREST	MAX	61	49	53	68	55	50	66	64	61	64	42	43	52	64	41	41	42	41	42	45	50	42	58	42	42	40	41	35	34	40		48.9
	MIN	30	25	37	40	28	29	35	40	40	35	25	29	32	39	34	32	28	29	23	26	27	28	27	33	28	17	22	30	29	30		30.2
PERU 2 W	MAX	56	60	61	52	52	70	66	63	68	64	54	60	62	58	41	42	45	40	45	40	50	48	48	42	39	39	34	34	47	56		51.2
	MIN	30	32	46	32	26	32	40	43	44	32	29	24	48	32	29	23	23	24	25	25	32	34	34	32	29	17	32	32	30	32		31.4
WAUKEGAN	MAX	59	46	53	63	53	48	65	52	60	62	40	41	51	58	39	38	45	42	39	41	50	43	54	42	38	39	42	38	34	40		47.2
	MIN	31	26	29	41	32	32	38	38	38	33	24	24	35	36	30	26	25	25	24	25	27	28	30	32	27	21	19	31	28	28		29.4
WHEATON 3 SE	MAX			64	58	51	66	63	56	65	60	44	53	60	60	41	40	40	41	46	50	47	54	52	42	38	37	37	35	40	51		49.7
	MIN			43	40	32	28	48	42	47	33	23	31	42	36	32	25	25	27	22	26	28	26	38	33	25	15	31	31	30	27		31.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST 03																																	
GALESBURG	MAX	54	59	60	57	54	72	70	63	68	46	47	59	65	43	37	41	37	41	48	52	48	51	42	36	37	36	34	40	46	59		50.1
	MIN	30	32	47	37	30	35	42	42	42	32	30	34	42	33	25	24	28	24	23	27	27	31	35	25	18	19	28	24	28	27		30.[illegible]
GOLDEN 1 NW	MAX	59	66	66	60	58	75	75	75	73	59	50	63	73	64	40	41	42	41	50	54	52	53	47	42	39	37	34	37	49	60		54.5
	MIN	33	34	48	38	31	37	57	42	43	29	32	34	43	37	34	24	31	25	23	27	23	30	38	28	17	18	30	21	34	32		32.4
LA HARPE	MAX	57	63	62	60	58	73	73	69	70	60	49	60	70	49	38	44	39	43	49	56	50	53	45	40	38	37	35	37	49	59		52.8
	MIN	35	31	47	39	30	34	55	39	45	33	32	33	48	37	32	24	30	23	21	24	25	30	37	26	19	16	30	24	32	32		32.1
MONMOUTH	MAX	53	57	60	57	53	70	70	65	67	57	47	57	64	56	37	41	37	41	48	52	47	52	44	39	35	36	34	36	45	57		50.5
	MIN	32	30	45	38	31	34	53	37	45	33	39	34	48	36	33	22	29	23	24	27	26	28	37	26	17	16	30	24	32	32		32.0
QUINCY FAA AP	MAX	56	63	62	58	56	72	74	75	69	51	46	60	70	42	36	40	38	39	46	52	48	51	44	37	35	34	32	40	47	59		51.1
	MIN	35	34	49	41	33	37	47	42	47	33	29	35	42	35	33	27	32	24	23	27	26	29	36	25	18	17	30	23	31	31		32.4
QUINCY DAM 21	MAX	67	59	62	62	60	57	75	74	79	70	52	48	64	74	41	39	42	40	41	53	55	51	54	43	38	37	36	35	44	48		53.3
	MIN	29	32	34	25	32	32	34	39	39	36	32	32	33	38	33	27	26	25	21	27	28	28	29	26	18	17	20	25	23	30		29.0
RUSHVILLE	MAX	57	63	66	59	56	71	73	69	70	58	49	60	70	64	38	41	39	37	47	57	49	50	44	40	38	36	35	35	48	58		52.6
	MIN	33	33	46	40	30	36	55	40	56	32	31	35	46	38	33	25	31	26	23	23	26	30	38	28	18	17	30	25	32	33		33.0
CENTRAL 04																																	
CHENOA	MAX	52	59	67	58	50	67	70	60	67	68	55	58	68	61	40	42	38	40	46	50	47	53	44	42	36	38	35	36	41	43		51.0
	MIN	33	26	44	40	31	30	43	39	43	32	22	33	34	36	33	29	31	26	22	25	27	28	38	32	21	15	28	30	30	28		31.0
DECATUR	MAX	60	64	69	61	55	68	73	66	68	57	51	61	67	61	42	47	41	43	48	52	50	51	44	42	40	37	35	36	44	48		52.7
	MIN	34	30	49	42	34	25	54	39	42	35	29	36	42	40	36	35	32	30	17	24	28	23	38	33	20	15	29	30	30	29		32.7
FARMER CITY	MAX	55	60	69	59	55	66	72	66	68	56	49	58	70	59	44	46	37	46	49	52	50	52	41	42	41	39	37	34	41	44		51.9
	MIN	35	30	45	40	30	30	53	40	45	34	25	35	42	39	34	36	32	29	20	23	26	25	38	33	23	19	28	29	29	28		32.5
HAVANA 4 NNE	MAX	64	56	63	66	61	56	71	73	69	70	50	51	61	69	41	39	42	40	44	49	53	50	54	43	39	39	38	35	42	49		52.6
	MIN	33	29	33	43	35	30	38	36	40	35	26	26	36	33	34	25	26	29	19	23	29	24	31	31	22	15	20	31	30	31		30.0
LACON 2 E	MAX	55	61	65	57	51	69	71	64	68	61	49	59	64	60	39	44	40	41	49	51	48	55	46	42	39	40	35	38	45	59		52.2
	MIN	31	29	48	37	31	31	44	41	43	41	24	34	46	37	32	22	28	25	28	29	28	32	38	30	21	15	31	31	28	31		32.2
LINCOLN	MAX	56	62	70	60	55	69	73	65	70	57	50	59	69	63	41	45	41	44	49	53	49	52	44	44	40	38	36	38	46	50		52.9
	MIN	34	32	44	42	34	30	54	39	48	35	27	36	41	39	35	33	33	28	20	23	29	25	38	33	22	19	29	31	30	30		33.1
MASON CITY 1 NW	MAX	55	62	68	59	54	69	73	66	69	58	49	60	69	61	40	42	40	42	48	53	48	53	44	42	38	37	34	34	47	55		52.3
	MIN	35	31	46	40	33	31	51	37	43	33	26	36	41	39	36	28	32	28	19	24	29	26	39	32	21	17	30	30	29	29		32.4
MINONK	MAX																																
	MIN																																
NORMAL	MAX	62	60	67	63	57	68	71	70	67	65	48	58	68	67	39	43	40	42	47	51	51	52	49	42	38	38	36	36	44	46		52.8
	MIN	34	30	51	39	31	28	54	39	45	34	26	36	46	38	34	30	31	28	21	27	27	32	39	32	22	16	28	30	31	30		33.0
PEORIA WSO AP	MAX	53	60	63	57	52	69	69	62	67	46	47	58	65	46	38	42	39	41	47	50	47	52	43	38	37	37	34	40	45	57		50.0
	MIN	32	32	46	40	30	29	41	39	46	32	28	37	44	36	29	24	31	23	20	24	27	27	38	25	21	16	31	31	30	29		31.3
PRINCEVILLE	MAX	53	60	61	59	52	70	73	62	67	53	46	59	64	58	38	43	39	43	49	52	49	52	43	40	39	38	34	40	48	61		51.5
	MIN	28	28	47	37	28	30	52	35	44	28	24	34	45	34	31	20	26	23	21	25	24	27	36	27	14	14	29	29	28	30		29.9
EAST 05																																	
DANVILLE	MAX	59	60	71	61	53	66	72	67	69	63	47	53	63	61	44	42	38	43	47	50	50	50	45	44	42	39	36	35	42	49		52.0
	MIN	34	26	40	43	29	24	54	44	48	36	26	31	43	42	36	25	32	29	17	23	27	21	39	35	24	16	30	31	31	29		32.2
GIBSON CITY 1 E	MAX	61	51	59	69	57	51	66	71	61	67	47	47	56	70	43	41	43	38	43	47	51	47	51	42	38	37	38	34	37	40		50.1
	MIN	30	27	31	42	33	31	31	42	38	33	22	25	35	36	34	32	30	30	18	18	20	22	23	34	22	15	17	30	29	26		28.5
HOOPESTON 1 NE	MAX	53	57	70	61	50	64	69	63	66	57	46	52	68	59	42	41	38	43	46	49	47	51	44	43	39	38	34	34	39	45		50.3
	MIN	33	29	44	42	30	32	55	43	48	33	22	31	40	41	36	28	30	28	24	26	27	28	39	34	21	20	29	30	30	29		32.7
KANKAKEE WTR POLL CTR	MAX	62	56	58	68	56	50	67	61	66	68	49	46	54	69	52	54	43	40	42	47	51	54	44	46	42	41	43	39	47	48		52.1
	MIN	33	34	37	42	31	29	34	44	42	34	31	32	32	41	32	33	31	30	23	23	25	31	29	27	23	19	20	19	34	34		31.0
PIPER CITY 3 SE	MAX	52	58	70	60	51	67	71	61	67	57	46	55	68	58	40	41	38	43	46	51	47	53	42	41	39	38	35	33	38	42		50.3
	MIN	31	25	40	40	31	29	49	42	40	31	20	31	37	40	34	30	30	29	21	25	26	24	36	33	20	15	26	31	30	20		30.5
PONTIAC	MAX	58	59	69	59	54	68	72	62	68	63	47	58	68	64	40	41	39	43	44	50	49	54	48	43	40	40	34	35	44	47		52.0
	MIN	33	29	44	41	32	39	55	41	47	32	27	35	43	39	34	32	31	28	24	26	28	25	38	34	23	17	29	32	31	31		33.3
RANTOUL	MAX	58	61	57	69	58	52	65	70	68	66	46	56	55	67	45	44	42	39		46	48	48	50	43	42	40	44	38	37	39		51.5
	MIN	34	31	33	41	30	30	35	42	42	34	24	25	36	43	35	35	32	29		22	26	26	33	33	23	19	20	20	29	27		30.7
URBANA	MAX	53	60	69	57	52	65	71	63	67	48	47	56	67	56	41	43	39	43	46	49	48	50	43	38	40	38	34	36	41	44		50.1
	MIN	36	32	42	44	32	32	45	43	48	30	27	35	40	39	36	33	31	27	24	24	29	28	33	29	24	22	30	30	32	26		32.8
WATSEKA 2 NW	MAX	62	51	59	69	57	52	66	70	62	66	45	47	53	67	43	42	43	41	41	46	50	46	53	43	40	42	38	34	35	40		50.1
	MIN	29	26	29	43	32	29	30	42	40	33	21	25	36	42	36	28	27	26	19	21	24	25	28	33	24	16	16	31	30	32		29.1
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	64	62	65	69	60	59	62	75	74	70	55	50	59	72	46	42	45	41	43	47	52	50	48	45	41	42	36	36	44	45		53.3
	MIN	40	35	38	44	37	34	40	42	43	39	29	31	35	40	35	31	32	29	27	26	27	28	31	33	21	21	24	27	28	29		32.5
CARLINVILLE	MAX	59	65	72	63	58	71	77	72	73	56	50	60	69	64	41	42	40	41	48	53	50	49	45	43	39	37	35	39	47	57		53.8
	MIN	35	30	49	41	32	31	56	38	49	36	26	31	41	39	35	32	33	30	19	25	25	29	38	32	19	17	29	31	33	32		33.1
GRIGGSVILLE	MAX	58	65	66	60	58	73	75	76	71	58	49	63	71	63	39	40	39	42	47	53	49	52	45	40	38	34	34	37	47	60		53.4
	MIN	39	35	51	43	37	41	59	42	50	34	30	35	48	39	34	26	33	27	26	29	28	32	39	30	18	17	30	26	34	35		34.9
HILLSBORO	MAX	60	65	70	67	57	69	77	74	72	70	52	59	69	68	44	45	43	42	48	52	51	49	50	44	40	37	36	37	46	50		54.8
	MIN	37	33	45	43	36	30	55	38	51	35	28	31	41	42	35	30	31	28	20	20	24	30	35	32	19	20	26	28	30	31		32.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
JACKSONVILLE 2 E	MAX	65	57	64	68	60	55	68	74	69	69	49	51	60	71	43	40	42	40	42	48	54	50	51	44	39	39	38	38	43	49		52.7
	MIN	35	31	29	42	36	32	38	38	38	35	27	26	32	34	36	28	29	28	21	20	25	28	29	33	18	15	16	16	28	31		29.1
JERSEYVILLE 2 SW	MAX	65	59	64	72	62	59	70	76	74	71	53	50	59	71	42	41	41	40	43	48	53	50	48	45	40	39	35	36	40	44		53.0
	MIN	35	32	38	39	32	27	48	36	41	36	25	28	37	40	34	30	32	29	14	19	22	22	33	32	18	11	25	25	26	27		29.8
MORRISONVILLE	MAX	65	59	65	68	65	57	70	74	71		51	59	67		42	45	46	40	43	46	50	45	48	45	38	40	37	36	33	48		51.9
	MIN	34	32	40	32	36	29	35	37	42	32	29	30	37	35	32	32	34	29	19	23	26	25		34	20	20	15	18	29	29		29.8
PANA	MAX	55	63	67	60	54	66	73	66	70	58	47	57	66	60	42	43	39	41	47	50	49	48	44	43	38	36	34	34	41	50		51.4
	MIN	39	34	48	43	35	32	54	40	51	37	28	34	42	40	37	31	33	30	23	26	29	29	38	34	23	23	29	31	33	29		34.5
SPRINGFIELD WSO AP	MAX	56	63	70	61	58	71	74	67	70	52	52	59	70	50	39	44	39	42	47	52	50	50	44	39	37	36	34	38	48	55		52.2
	MIN	35	31	49	42	34	33	45	39	43	33	26	35	48	38	33	32	34	23	19	22	25	29	38	27	21	15	29	29	31	31		32.3
VIRDEN 1 N	MAX	58	65	70	60	58	70	75	71	70	60	50	60	70	63	46	44	40	44	51	49	49	50	46	43	37	36	34	35	46	56		53.5
	MIN	34	30	44	40	32	32	53	36	43	32	30	31	42	37	35	32	32	27	25	25	25	27	37	32	18	17	27	28	28	32		32.1
WHITE HALL 1 E	MAX	60	64	70	60	58	71	75	73	71	64	49	60	72	69	40	41	40	42	48	54	50	49	45	45	39	36	35	36	46	61		54.1
	MIN	39	34	45	43	35	32	54	40	47	37	29	33	41	39	36	31	34	28	20	22	27	26	39	32	21	18	29	28	34	31		33.5
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	57	61	68	64	54	64	72	64	68	59	48	54	65	57	45	43	38	42	44	48	48	48	45	45	41	35	35	35	41	53		51.4
	MIN	31	29	43	43	33	26	51	41	51	36	25	34	37	40	37	24	31	28	22	26	28	24	38	34	23	20	29	29	31	26		32.3
CHARLESTON	MAX	58	59	66	60	55	70		64	67	63	50	55	65	60	42	43	38	42	46	50	50	48	45	45	40	35	35	35	42	51		51.0
	MIN	33	34	48	44	43	27		41	47	34	27	37	42	42	37	27	32	28	21	21	30	29	39	35	25	20	30	31	28	30		33.2
EFFINGHAM 3 W	MAX	63	57	62	69	60	54	66	73	65	69	51	46	55	67	48	40	43	37	40	44	48	48	48	45	37	39	36	34	41	43		50.9
	MIN	33	32	34	42	36	26	28	40	42	38	26	27	34	37	38	28	28	31	19	20	23	22	24	36	23	18	21	30	31	26		29.8
FLORA 5 NW	MAX	60	65	70	63	57	68	75	67	70	58	49	58	68	63	45	45	40	41	47	51	50	48	47	46	41	36	35	39	46	59		53.6
	MIN	38	32	48	42	34	27	57	37	50	38	29	32	37	45	40	27	31	31	22	23	28	26	40	35	21	22	31	32	32	32		34.0
MATTOON	MAX	56	62	69	60	55	66	72	64	70	54	50	56	65	58	41	43	38	46	45	48	50	47	44	42	41	35	34	36	40	50		51.2
	MIN	34	31	45	42	28	27	45	41	47	30	25	36	39	38	35	26	30	26	20	25	27	27	37	27	22	19	28	28	28	27		31.3
MOWEAQUA	MAX	60	62	67	66	59	67	74	73	71	70	53	57	67	65	43	44	43	41	46	51	50	49	47	44	39	40	35	43	46			54.2
	MIN	38	32	48	44	35	28	46	49	43	36	26	35	41	42	37	33	34	31	20	24	24	25	30	34	21	20	31	30	26			33.2
NEWTON 6 SSE	MAX	65	59	63	70	71	55	66	74	65	71	53	48	56	67	52	41	45	37	41	46	48	50	48	45	39	41	36	34	40	48		52.5
	MIN	35	32	35	39	35	28	32	43	44	41	28	28	35	37	40	29	30	30	23	25	28	26	30	38	24	23	26	31	32	30		31.9
OLNEY 2 S	MAX	60	66	70	63	57	67	76	65	72	55	50	57	68	58	46	45	38	42	47	50	50	50	47	45	43	38	34	36	44	62		53.4
	MIN	35	34	48	45	35	27	54	41	52	42	29	35	41	45	41	30	32	31	20	21	29	23	40	38	23	22	31	32	32	36		34.8
PALESTINE	MAX	60	63	70	61	56	67	74	63	70	57	48	55	66	58	43	45	39	43	45	50	48	49	47	45	42	37	35	36	44	61		52.6
	MIN	35	32	46	46	36	27	53	45	50	40	30	35	38	43	39	30	34	30	24	25	31	25	41	38	24	23	32	32	34	32		35.0
PARIS WATERWORKS	MAX	50	62	69	58	52	59	71	64	67	53	47	53	66	60	41	44	37	43	42	49	50	48	45	44	41	37	35	35	41	55		50.6
	MIN	37	31	41	43	32	29	54	43	49	36	26	32	39	41	37	26	32	28	22	29	29	31	39	35	25	19	30	29	30	31		33.5
SALEM	MAX	61	67	70	62	57	67	77	70	72	55	50	60	68	61	45	44	41	38	46	50	49	49	45	45	42	36	35	37	44	57		53.3
	MIN	37	37	45	43	33	31	58	40	53	42	31	34	40	44	39	30	32	31	22	22	27	24	39	36	24	26	30	31	32	26		34.6
TUSCOLA	MAX	56	61	70	61	55	62	72	68	69	64	47	56	69	60	44	43	40	43	47	51	50	49	46	45	41	37	35	35	40	44		52.0
	MIN	34	30	41	42	34	22	51	43	49	35	26	28	37	42	35	28	32	28	19	20	27	24		34	22	20	29	29	28	25		31.5
VANDALIA 3 ENE	MAX	67	62	66	71	63	59	68	76	68	73	55	49	58	69	49	41	44	38	41	46	50		49		51	43	37	35	41	45		54.1
	MIN	34	36	42	45	34	28	39	39	42	40	28	30	35	40	39	28	32	31	21	24	27		33		27	20	24	31	32	30		32.5
WINDSOR	MAX	60	63	68	60	54	67	72	68	70	60	50	57	67	60	43	44	40	41	47	50	50	49	45	43	40	42	39	40	41	46		52.5
	MIN	37	31	46	44	34	32	52	40	41	36	25	35	40	43	35	27	32	30	23	27	30	29	38	34	23	20	29	29	29	29		33.3
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	70	72	69	64	60	68	76	76	75	64	56	60	70	60	47	44	42	40	47	49	52	52	48	4[illegible]	42	36	34	36	56	61		55.8
	MIN	42	39	44	45	39	31	56	47	58	43	34	34	34	45	40	34	35	32	26	22	30	25	40	35	24	29	30	30	34	35		36.4
BELLEVILLE SO IL U	MAX	63	68	72	65	61	71	80	76	74	75	52	60	72	66	46	46	43	43	46	52	52	52	48	46	40	36	38	40	50	60		56.4
	MIN	37	32	46	43	34	28	51	39	48	36	31	27	32	43	40	33	32	32	21	20	28	27	42	40	20	23	35	36	39	33		34.3
CAHOKIA	MAX	65	67	68	72	66	67	75	74	79	82	58	57	62	74	46	40	41	47	45	50	56	54	50	48	44	40	43	43	41	60		57.1
	MIN	32	32	38	34	34	32	33	36	35	33	32	22	34	34	32	26	25	27	22	22	22	23	25	37	21	26	20	26	29	28		29.1
CAIRO WSO CI	MAX	70	73	67	66	61	69	78	78	76	65	56	63	72	57	48	44	42	43	46	48	53	53	49	47	43	39	35	42	53	64		56.7
	MIN	44	44	50	44	41	38	58	49	51	46	39	38	43	48	43	41	37	31	28	29	34	32	44	37	30	34	33	33	36	40		39.8
CARBONDALE SEWAGE PL	MAX	68	68	72	69	64	61	69	77	76	76	60	53	63	71	53	43	46	40	39	48	49	52	51	49	41	44	38	35	41	51		55.6
	MIN	35	33	38	41	30	27	37	38	39	34	33	28	33	40	41	33	33	30	20	22	22	22	25	39	22	23	30	30	31	27		31.2
CARLYLE RESERVOIR	MAX	65	59	67	70	63	59	69	78	73	73	55	48	59	70	49	41	45	39	37	47	52	52	49	46	41	40	37	34	40	46		53.4
	MIN	41	38	43	44	36	34	39	44	43	40	33	34	36	43	38	30	32	30	25	26	27	30	31	36	22	23	28	30	30	32		33.9
DU QUOIN 4 SE	MAX	65	70	67	62	59	67	77	76	75	57	51	60	70	55	45	45	41	38	46	50	50	51	48	45	42	38	35	37	45	58		54.2
	MIN	38	37	45	44	31	30	46	40	50	36	32	31	31	43	39	30	32	25	22	26	26	25	40	27	24	30	29	31	30	30		33.3
KASKASKIA R NAV LOCK	MAX	68	66	72	74	65	61	72	82	79	76	56	54	64	72	59	43	45	40	44	48	54	54	51	51	43	41	38	34	42	47		56.5
	MIN	35	37	38	40	38	32	40	41	43	36	33	31	33	47	41	31	31	33	25	25	28	29	35	37	21	22	28	30	30	32		33.4
MARION 4 NNE	MAX		69	72	66	65	63	70	79	78	76	60	53	65	72	55	44	45	39	40	48	51	54	54	49	41	44	37	33	41	49		55.6
	MIN	33	38	38	46	35	29	33	41	54	41	32	33	33	42	42	33	33	31	20	20	23	24	28	40	22	24	30	31	32	33		33.1
NASHVILLE 4 NE	MAX	61	67	69	64	57	67	78	74	72	58	49	58	70	59	46	45	42	38	44	49	48	57	50	46	40	37	36	35	43	55		53.8
	MIN	45	37	45	44	40	34	55	44	54	41	30	33	40	45	40	31	33	32	27	26	26	40	39	36	24	28	30	31	32	29		36.4
SPARTA	MAX	64	71	69	63	60	70	82	77	75	58	52	63	71	61	45	44	41	40	47	53	51	49	47	46	40	37	35	38	47	57		55.1
	MIN	41	39	49	45	35	35	54	44	52	42	32	34	44	45	39	31	33	32	25	27	30	29	40	36	22	25	29	30	35	35		36.3
WATERLOO	MAX	68	61	69	74	64	61	73	83	78	74	56	51	62	72	48	43	44	37	44	47	54	53	49	47	43	39	36	34	40	50		55.1
	MIN	41	37	47	42	35	39	33	46	50	40	30	32	38	46	38	32	32	31	23	26	27	32	36	36	18	25	28	29	29	30		34.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
SOUTHEAST 09																																	
ALBION	MAX	64	69	68	62	59	68	78	74	74	69	52	58	69	66	52	43	44	43	47	50				48	43	39	38	37	47	64		56.5
	MIN	43	37	49	47	39	35	55	42	57	43	30	35	43	50	40	31	34	30	27	29	31			36	25	28	31	31	32	34		37.3
BROOKPORT DAM 52	MAX	71	73	67	65	61	68	78	76	76	65	55	62	71	58	51	45	44	44	45	48	52	54	50	48	44	40	40	41	53	62		56.9
	MIN	35	35	43	42	35	30	33	43	45	38	35	34	35	40	42	38	37	32	23	23		24	42	38	27	31	32	32	37	35		35.0
DIXON SPRINGS AGR C	MAX	69	72	68	64	61	68	77	76	74	68	58	63	71	69	51	43	43	43	47	48	52	54	49	47	43	40	38	39	52	64		57.0
	MIN	36	38	45	41	37	28	55	42	59	39	33	35	38	45	41	35	37	33	20	21	28	24	41	39	27	30	32	31	32	31		35.8
FAIRFIELD RADIO WFIW	MAX	62	65	67	62	56	67	76	71	71	65	49	57	68	62	48	46	42	40	46	49	49	48	50	46	43	38	36	37	45	62		54.1
	MIN	40	34	44	46	39	28	56	39	56	43	30	33	39	48	38	30	34	31	22	24	31	22	40	37	24	26	30	30	31	30		35.2
HARRISBURG	MAX	66	72	66	64	60	68	77	77	76	74	51	60	72	63	51	52	44	42	48	50	53	55	49	48	43	38	37	39	51	64		57.0
	MIN	42	38	46	43	37	30	56	43	41	42	33	34	37	46	41	34	35	32	22	23	29	25	42	38	25	30	32	31	35	35		35.9
MC LEANSBORO 2 ENE	MAX	65	63	68	67	62	58	68	77	74	74	57	50	58	72	55	44	45	38	40	47	50	50	50	49	41	43	37	33	38	46		54.0
	MIN	37	36	38	46	40	29	35	42	44	43	31	31	38	42	41	30	31	30	23	23	28	26	32	37	25	25	29	31	31	32		33.5
MT CARMEL	MAX	64	63	65	66	64	57	67	77	69	74	56	50	57	68	57	44	46	39	43	46	48	51	49	47	44	43	39	35	56	48		54.4
	MIN	34	35	37	44	39	30	30	44	44	44	31	30	37	42	42	32	31	31	25	25	28	27	28	41	27	27	28	31	32	29		33.5
MT VERNON 3 NE	MAX	66	67	68	62	58	67	76	79	73	62	50	58	54	51	46	42	37	38	50	52	50	48	48	40	43	32	37	40	45			53.1
	MIN	36	45	45	42	38	27	34	37	47	40	30	28	34	45	30	29	29	31	19	29	28	22	31	37	23	24	30	31	31	26		32.6
RENO LAKE DAM	MAX	66	63	72	69	64	60	70	78	77	75	57	50	61	70	53	43	48	39	39	46	50	52	52	52	41	42	37	33	38	46		54.8
	MIN	40	42	39	41	39	31	38	46	42	46	33	34	37	46	42	34	34	32	24	24	29	29	31	31	24	25	30	25	32	33		34.4
ROSICLARE	MAX	68	70	65	63	59	68	79	76	75	62	53	62	71	58	49	44	44	44	46	48	53	55	49	48	43	39	35	40	52	64		56.1
	MIN	34	40	41	42	37	29	48	43	57	40	34	33	33	43	42	36	30	32	23	22	28	24	42	38	26	30	32	32	32	27		35.0

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	47	47	47	50	50	48	48	53	53	53	50	47	48	49	50	49	47	44	43	41	41	41	40	42	43	39	38	37	38	37		45.3
		MIN	41	42	43	46	46	45	43	43	46	50	46	44	45	45	47	46	44	42	39	38	38	39	39	38	38	35	35	35	37	37		41.7
	8	MAX	48	49	49	51	51	51	51	52	53	53	53	51	49	50	50	50	50	49	47	46	46	44	44	44	44	44	44	44	42	41		48.0
		MIN	47	48	48	49	49	49	48	48	50	52	51	49	49	49	50	49	48	47	46	44	44	44	43	42	44	42	42	42	41	40		46.5

EVAPORATION AND WIND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
▪ ▪ ▪ NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.08	-	.09	.48	.14	-	.12	.14	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	43	18	51	125	91	34	71	51	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MAX	39	42	55	66	65	52	58	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	35	37	37	41	38	27	37	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
▪ ▪ ▪ SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.06	.19	.14	.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	27	51	73	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MAX	49	60	60	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	32	38	37	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
DIXON 2 W	SNOWFALL																													.4		
	SN ON GND																															
FREEPORT WASTE WTR PLT	SNOWFALL																												T	T		
	SN ON GND																															
GALENA	SNOWFALL																											T	.5	.5		
	SN ON GND																											T	T	T		
GALVA	SNOWFALL																											.5	1.0	T		
	SN ON GND																											1	1	T		
MOLINE WSO AP	SNOWFALL																											1.0	.1			
	SN ON GND																											T	T			
	WTR EQUIV																															
MORRISON	SNOWFALL																											T	T	T		
	SN ON GND																											T	T	T		
PAW PAW	SNOWFALL																											T	3.0	.5		
	SN ON GND																											T	3	2		
ROCKFORD WSO AP	SNOWFALL																	T										.7	.7	T		
	SN ON GND																												T	T		
	WTR EQUIV																															
* * * NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL																		T										1.8	.5		
	SN ON GND																		T										1	1	T	
AURORA	SNOWFALL																												1.0			
	SN ON GND																												1	1		
CHICAGO O'HARE WSO AP	SNOWFALL																	T	.2									3.0	1.1	.8		
	SN ON GND																		T									T	T	1	T	
	WTR EQUIV																											.5				
DE KALB	SNOWFALL																											2.4	.5			
	SN ON GND																											2	1			
OTTAWA	SNOWFALL																											T	T			
	SN ON GND																											T	T			
PARK FOREST	SNOWFALL																		T									3.5	.5	T		
	SN ON GND																		T									3	2	2		
* * * WEST 03																																
CANTON 1 ESE	SNOWFALL																											2.0				
	SN ON GND																											2				
LA HARPE	SNOWFALL																											1.0	.5			
	SN ON GND																											T	T			
MONMOUTH	SNOWFALL																											1.0	T			
	SN ON GND																															
QUINCY FAA AP	SNOWFALL														T	T											T	1.2	T			
	SN ON GND																											1	1	T		
* * * CENTRAL 04																																
DECATUR	SNOWFALL																											6.5	2.5			
	SN ON GND																											7	9	6	4	
FARMER CITY	SNOWFALL																											5.0	2.0			
	SN ON GND																											5	7	6	4	
LACON 2 E	SNOWFALL																											2.5				
	SN ON GND																											3	2			
LINCOLN	SNOWFALL																											4.0	3.0			
	SN ON GND																											4	6	4	2	
NORMAL	SNOWFALL																											3.6	1.0	T		
	SN ON GND																											3	2	1		
PEORIA WSO AP	SNOWFALL																											2.9	1.2			
	SN ON GND																											T	3	1		
	WTR EQUIV																											.2	.5			
* * * EAST 05																																
DANVILLE	SNOWFALL																											8.3				
	SN ON GND																											5	-	-	-	
HOOPESTON 1 NE	SNOWFALL															T										T		2.0	1.0	.4		
	SN ON GND																											2	2	2	1	
KANKAKEE WTR POLL CTR	SNOWFALL																												4.0			
	SN ON GND																												4	3	1	
PIPER CITY 3 SE	SNOWFALL																		T									5.0	2.0	.3		
	SN ON GND																											5	6	6	5	
PONTIAC	SNOWFALL																											4.5	2.0	T		
	SN ON GND																											4	3	3	1	
URBANA	SNOWFALL															T												9.1	1.8			
	SN ON GND																											7	8	6	3	
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL															T												4.3	2.0			
	SN ON GND																											3	3			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
EDWARDSVILLE 1 NE	SNOWFALL																		T									5.5	2.6			
	SN ON GND																											6	6	3	1	
GRIGGSVILLE	SNOWFALL																											.5	1.0			
	SN ON GND																											T	1	T		
JACKSONVILLE 2 E	SNOWFALL																											2.0	1.5			
	SN ON GND																											2	3			
PANA	SNOWFALL																		T									9.0	1.5			
	SN ON GND																		T									9	11	6	T	
SPRINGFIELD WSO AP	SNOWFALL																											2.4	1.1			
	SN ON GND																											1	3	1	T	
	WTR EQUIV																												.7			
EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL																											5.0	2.0	T		
	SN ON GND																											5	5	2		
OLNEY 2 S	SNOWFALL																											5.0	1.0			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARIS WATERWORKS	SNOWFALL																	2.0										8.0	1.0	.5		
	SN ON GND																	1										8	9	4	2	
SALEM	SNOWFALL																											-	-			
	SN ON GND																											-	-	-	-	
TUSCOLA	SNOWFALL																											8.0	1.0			
	SN ON GND																											8	6	4		
WINDSOR	SNOWFALL																	T										9.0	2.0			
	SN ON GND																											9	10	7	3	
SOUTHWEST 08																																
ANNA 1 E	SNOWFALL																											5.0	1.1			
	SN ON GND																											4	3	2	T	
BELLEVILLE SO IL U	SNOWFALL																	.5										-	-			
	SN ON GND																											-	-	-	-	
CAIRO WSO CI	SNOWFALL																											2.8				
	SN ON GND																											2	1			
CARBONDALE SEWAGE PL	SNOWFALL																											6.5	T			
	SN ON GND																											7	4	3	1	
NASHVILLE 4 NE	SNOWFALL																											8.2	.8			
	SN ON GND																											8	8	5	1	
SPARTA	SNOWFALL																	T									T	7.2	1.5			
	SN ON GND																											6	5	2		
SOUTHEAST 09																																
ALBION	SNOWFALL																												T			
	SN ON GND																															
DIXON SPRINGS AGR C	SNOWFALL																											T				
	SN ON GND																											T				
HARRISBURG	SNOWFALL																											2.0				
	SN ON GND																											2				
MC LEANSBORO 2 ENE	SNOWFALL																											5.5	.5			
	SN ON GND																											6	5	3	T	
MT VERNON 3 NE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

ILLINOIS
NOVEMBER 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO IL U	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RADIO STATION WBYS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B BOYD
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	6P	7A			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANDOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY AP 3 SW R	1577	02	COOK		41 44	87 46	620	MID	MID		C HJ	FRANK M WACHOWSKI
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L BARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 3 NW	1944	08	RANDOLPH		38 13	89 39	500		5P		C	L M D CAMPBELL INC
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L DEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MADISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655	7A	7A			MR & MRS ROBERT PROVIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GLADSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLDEN 1 NW	3530	03	ADAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WILBUR D CHURCH
GRAND TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALD F REID
GREENUP	3683	07	CUMBERLAND		39 15	88 10	540		7A			DAVID L OWEN
GREENVILLE 1 E	3693	06	BOND		38 53	89 24	580		7A			HAROLD W DAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARD E STAFFY
HARRISBURG	3879	09	SALINE		37 45	88 33	380	6P	6P		H	LAWRENCE L PICHE
HARRISBURG DISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	DAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLSBORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-ROBERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORD		39 08	87 40	455		6A		C	CENTRAL ILL PUB SVC CO
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET BRANDON RD DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIDGARD LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANDOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHSBURG	4655	01	MERCER		41 06	90 57	550		7A			BEN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUDOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O B PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	BOYCE D HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE D NUTTAL (DOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHLBACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOMB	5280	03	MC DONOUGH		40 28	90 40	610		7A			MERIDETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUDY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILDRED K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYD J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC DONALD
MATTOON	5430	07	COLES		39 28	88 20	718	MID	MID			DON E TUCKER
MC HENRY LOCK AND DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANSBORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARD G BROWN
MEDORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F DODGE
MINONK	5712	04	WOODFORD		40 54	89 03	750	7A	7A			ROBERT D QUICK SR
MOLINE WSO AP R	5751	01	ROCK ISLAND		41 27	90 30	582	MID	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STODDARD
MORRIS	5820	02	GRUNDY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIDE		41 49	89 58	603	7A	7A		H	GERALD L BROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS DOROTHY A BULLARD
MT CARMEL	5888	09	WABASH		38 24	87 45	420	7A	6A		C	MT CARMEL PUBLIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALD H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLD MARBURGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			DONALD D NEAVILLE
MOUNT STERLING	5935	03	BROWN		39 59	90 46	720		5P			THOMAS J SCHNEIDER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	ROBERT G MOORHOUS
MOWEAQUA	5950	07	SHELBY		39 38	89 02	615	6P	6P			MRS MARY A DOOLEY
MURPHYSBORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE F COHLMEYER
NEW BOSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	DELBERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLAND		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	ROBERT J LITTLE
PALESTINE	6558	07	CRAWFORD		39 00	87 37	515	7P	7P			HORACE M GADDIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEDRIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EDGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EDGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER DEPT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD D BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SMITHLAND L & D	8020	09	POPE		37 10	88 26	358		7A		C	U S CORPS OF ENGINEERS
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 3 SE	8353	02	LIVINGSTON		41 06	88 49	610		7A			ROLLA COLSON
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	VICTOR V VALT
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
C	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

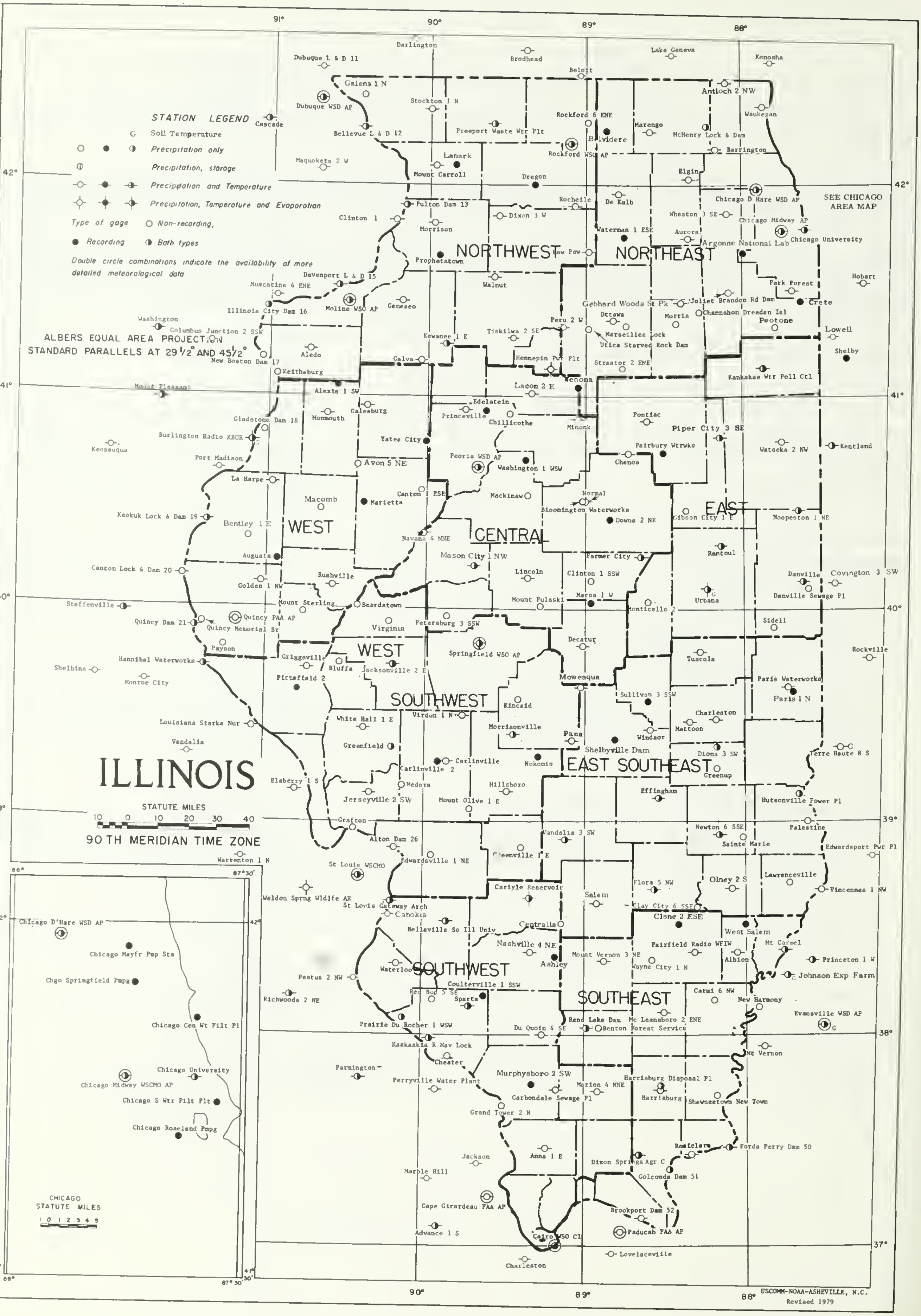
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1981-1240



USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL ®

THIRD CLASS
BULK RATE

DECEMBER 1980 VOLUME 85 NUMBER 12

Climatological Data

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS		72	DATE 07
LOWEST TEMPERATURE:	DIXON 2 W		-14	DATE 25
GREATEST TOTAL PRECIPITATION:	MONMOUTH		3.82	
LEAST TOTAL PRECIPITATION:	HILLSBORO	D	.31	
GREATEST 1 DAY PRECIPITATION:	BENTLEY 1 E		2.02	DATE 07
GREATEST TOTAL SNOWFALL:	ANTIOCH 2 NW		16.2	
GREATEST DEPTH OF SNOW OR ICE:	ANTIOCH 2 NW		6	DATE 29

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES-PERCENT				NUMBER OF DAYS WITH PRECIPITATION								
							STANDARD OF TIME CENTRAL												
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
CAIRO WSO CI	-	-	-	28	N	24	-	-	-	-	0	2	1	0	1	0	4	41	-
CHICAGO O HARE WSO AP	29	2.8	10.0	31++	34	24	73	75	67	71	9	6	7	0	1	0	23	27	8.1
MOLINE WSO AP	30	2.2	10.2	29	NW	19	71	70	60	64	8	2	5	0	1	0	16	38	7.6
PEORIA WSO AP	29	1.1	9.5	28	NW	07	81	82	71	77	5	8	2	1	1	0	17	32	8.2
ROCKFORD WSO AP	32	1.7	10.7	31++	20	17	76	75	67	69	9	7	4	0	1	0	21	-	8.1
SPRINGFIELD WSO AP	24	2.0	11.6	28++	34	24	85	88	72	79	5	6	1	2	0	0	14	42	8.0

CLEMSON UNIVERSITY LIBRARY
MAR 16 1981
SCI., TECH. & AGR DIV

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE														PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
NORTHWEST 01																								
ALEDO	36.0	20.3	28.2	.7	61	7+	- 9	25	1135	0	0	11	29	2	1.08	- .65	.55	7	3.7			5	1	0
DIXON 2 W	33.3	16.1	24.7	- 1.8	60	7	-14	25	1244	0	0	15	28	5	D 2.23	.41	.88	8	3.1			5	2	0
FREEPORT WASTE WTR PLT	32.5	16.8	24.7		56	7	- 7	21	1244	0	0	15	27	5	1.90		.90	8	5.1	3	3+	3	2	0
FULTON DAM 13	33.8	18.1	26.0	- .8	57	1	- 5	26	1203	0	0	11	27	2	2.05	.37	1.08	8				3	1	1
GALVA	33.7	19.2	26.5	- 1.0	63	7	- 8	25	1191	0	0	15	27	2	3.40	1.71	1.60	8	4.5	2	24	4	2	2
GENESEO	34.9	20.4	27.7		62	6	- 6	25	1152	0	0	10	27	2	2.94	1.32	1.01	7	3.7	2	27+	6	2	1
HENNEPIN POWER PLANT	35.7	19.8	27.8		63	7	-10	25	1147	0	0	13	28	2	D 2.36		1.58	8	3.5	3	24	3	1	1
KEWANEE 1 E	34.3M	19.3M	26.8M	- .6	63	7	- 6	26	1178	0	0	13	28	3	3.37	1.51	1.50	8	2.8	2	27+	5	2	2
MOLINE WSO AP R	34.4	18.8	26.6	.0	59	6	-12	25	1180	0	0	10	28	2	2.75	.98	1.15	7	4.5	2	27+	6	1	1
MORRISON	34.3	17.8	26.1	- .6	59	7	-10	25	1199	0	0	12	28	4	2.24	.35	1.04	8				3	3	1
MOUNT CARROLL	32.9	14.7	23.8	- 1.7	55	7+	-12	25	1270	0	0	14	29	7	1.91	.01	.90	8	6.0	4	3+	3	2	0
PAW PAW	32.3	17.6	25.0		59	7	-10	25	1235	0	0	16	28	4	2.45	.58	.86	8	5.5	2	29+	6	2	0
ROCHELLE	33.6M	16.6M	25.1M		59	7	-11	25	1228	0	0	14	28	4	2.25		.77	7	3.0	1	29+	4	2	0
ROCKFORD WSO AP //R	32.5	18.2	25.4	.5	60	6	-11	25	1222	0	0	16	28	5	2.71	1.00	1.10	7	6.7	3	3	5	1	1
STOCKTON 1 N	31.0	14.9	23.0		53	7+	- 9	25	1297	0	0	18	28	5	1.75		.81	8	5.5			3	1	0
TISKILWA 2 SE																								
DIVISION			25.8	- .5											2.36	.60			4.4					
* * *																								
NORTHEAST 02																								
ANTIOCH 2 NW	32.0	16.5	24.3	- 1.5	57	7	-10	26	1257	0	0	17	29	5	2.77	.93	.60	8+	16.2	6	29	7	2	0
AURORA																								
BARRINGTON	31.8M	16.5M	24.2M		58	7	-10	26+	1260	0	0	17	28	5	2.33		.72	8	7.0	3	24	6	2	0
CHICAGO O'HARE WSO AP R	34.9	21.1	28.0	.9	65	6	- 8	25	1140	0	0	13	28	2	3.43	1.79	1.12	7	9.7	2	29+	8	1	1
CHICAGO UNIVERSITY //	36.6	24.1	30.4	.9	60	7	- 2	25	1065	0	0	9	26	2	3.25	1.25	1.34	8	7.1	4	31+	5	3	1
CHGO MIDWAY AP 3 SW //R	35.1	21.3	28.2	- .3	60	6	- 6	25	1134	0	0	11	27	2	2.97	.86	.77	8	8.2	3	29	7	2	0
DE KALB	34.5	19.9	27.2	1.9	58	7+	- 8	25	1165	0	0	10	27	3	1.76	- .12	.78	8	8.3	2	29+	5	1	0
ELGIN	32.1	17.3	24.7		58	7	- 9	26	1241	0	0	17	28	5	2.24	.33	.70	8	6.5			6	1	0
GEBHARD WOODS ST PARK	34.9	19.6	27.3		63	7	-11	25	1164	0	0	12	28	3	2.37		1.26	8	4.3	3	30+	4	1	1
JOLIET BRANDON RD DAM	35.8	19.7	27.8	- .2	62	7	- 6	26+	1145	0	0	10	28	4	2.54	.59	1.14	8				5	2	1
MARENGO	32.3	15.5	23.9	- 1.1	59	7	-10	26+	1268	0	0	17	28	5	3.17	1.26	1.20	7	7.4	3	29+	7	2	1
OTTAWA	37.5	23.3	30.4	1.5	65	6	- 7	25	1065	0	0	9	26	1	2.22	.29	.81	8	3.0	3	25+	4	2	0
PARK FOREST	35.3	19.8	27.6		60	7+	- 9	25	1156	0	0	11	28	4	2.68	.66	1.27	8	5.5	3	31+	5	1	1
PERU 2 W	37.1	23.0	30.1	1.8	62	6	-11	25	1080	0	0	7	27	1	2.53	.63	1.30	7					2	1
WAUKEGAN	32.3	17.6	25.0	- 2.0	59	7	- 7	26	1234	0	0	18	28	5	D 3.01	1.13	.60	8	10.5			8	3	0
WHEATON 3 SE	35.2	21.0	28.1		60	7	-13	25	1136	0	0	10	27	4	2.43	.36	.84	8	8.1			6	2	0
DIVISION			27.1	- .4											2.65	.72			7.8					
* * *																								
WEST 03																								
GALESBURG	35.7	20.8	28.3		64	6	- 7	25	1130	0	0	10	27	2	3.71	1.95	1.81	8	2.5	2	25+	4	2	2
GOLDEN 1 NW	40.6	22.9	31.8		70	6	- 8	25	1025	0	0	8	27	1	3.05	1.37	1.60	7				4	2	2
LA HARPE	38.3	22.2	30.3	1.1	68	6	- 7	25	1070	0	0	8	27	1	3.34	1.57	1.44	7	3.0	2	26+	5	2	2
MONMOUTH	36.3	21.6	29.0	.5	64	6	- 8	25	1112	0	0	10	27	1	3.82	2.07	2.01	7	3.0	2	27+	4	2	2
QUINCY FAA AP	38.1	23.2	30.7		67	6	- 5	25	1059	0	0	9	26	2	2.78	1.22	1.69	7	4.2	2	25+	3	2	1
QUINCY DAM 21 //	38.9	19.7	29.3		70	7	- 8	26+	1100	0	0	8	27	2	3.25	1.56	1.66	8		2	9	4	2	2
RUSHVILLE	40.4M	22.8M	31.6M	1.4	70	6	- 9	25	1033	0	0		27	1	2.63	.57	1.47	7	3.5	2	26+	5	2	1
DIVISION			30.1	.5											3.23	1.45			3.2					
* * *																								
CENTRAL 04																								
CHENOA	37.9	21.3	29.6		65	6	-11	25	1090	0	0	7	28	2					3.3	1	10			0
DECATUR	41.0	24.2	32.6	1.2	70	6	-11	25	996	0	0	4	24	1	1.41	- .86	.77	8	1.5	2	26+	4	1	0
FARMER CITY	38.6	23.5	31.1		67	6	- 9	25	1045	0	0	7	27	1	1.98		.68	8		3	26+	7	2	0
HAVANA 4 NNE	37.7	21.0	29.4		70	7	- 9	25	1098	0	0	9	27	2	2.88	.86	1.20	8	6.5	4	25+	6	2	1
LACON 2 E	38.3	21.5	29.9		67	6	-10	25	1077	0	0	9	27	1	2.25		1.30	8	2.4	2	27+	5	1	1
LINCOLN	40.0	24.2	32.1	1.8	70	6	- 7	25	1016	0	0	7	26	1	2.31	.05	.85	8	2.0	2	26+	5	2	0
MASON CITY 1 NW	39.5	24.1	31.8		70	6	-10	25	1023	0	0	7	25	1	2.19		.90	7	2.5			4	2	0
NORMAL	38.5	23.7	31.1	1.2	65	6	-12	25	1042	0	0	8	27	1	1.64	- .56	.57	8	3.9	3	26+	4	2	0
PEORIA WSO AP //R	36.3	21.5	28.9	.9	66	6	-10	25	1112	0	0	10	26	1	2.25	.36	1.09	7	3.3	2	24	4	2	1
PRINCEVILLE	36.9	19.7	28.3		66	6	-12	25	1128	0	0	9	28	2	2.37	.80	1.25	8	3.1	2	24	5	2	1
DIVISION			30.5	1.0											2.14	.07			3.2					
* * *																								
EAST 05																								
DANVILLE	40.2	23.7	32.0	1.0	65	6	- 8	25	1016	0	0	6	24	1	1.28	- 1.05	.43	8	1.2	1	25+	6	0	0
GIBSON CITY 1 E	36.1	20.6	28.4		65	7	- 8	26+	1130	0	0	11	28	2	2.36	.16	.86	8	5.0	3	28+	6	2	0
HOOPESTON 1 NE	37.4	23.5	30.5	1.0	64	6	- 8	25	1064	0	0	9	26	1	1.81	- .24	.67	9	3.3	2	28+	6	1	0
KANKAKEE WTR POLL CTR	38.2M	22.7M	30.5M		65	8			1059	0	0	8	27	4	2.24		1.35	8	5.0	3	29+	4	1	1
PIPER CITY 3 SE	36.6	21.6	29.1	.4	65	6	-10	25	1105	0	0	9	26	2	1.73	- .13	.58	8	4.1	3	27+	6	1	0
PONTIAC	37.1	23.1	30.1	.9	65	6	- 7	25	1075	0	0	9	26	1	1.89	- .04	.75	8	3.7	2	26+	7	1	0
RANTOUL	36.8	21.0M	28.9M		64	7	- 7	25	1114	0	0	11	27	2	1.49	- .69	.55	8				4	1	0
URBANA	38.1	24.5	31.3	1.0	66	6	- 2	25	1037	0	0	8	25	1	1.36	- .86	.59	8	1.3	1	28+	4	1	0
WATSEKA 2 NW	36.2	21.0	28.6		64	7	- 9	26+	1121	0	0	9	26	2	2.20	- .09	.63	8	5.2	3	29+	6	2	0
DIVISION			29.9	.5											1.82	- .27			3.6					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION	TEMPERATURE										NO. OF DAYS				PRECIPITATION							NO. OF DAYS		
											MAX.		MIN.						SNOW, SLEET					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * * WEST SOUTHWEST 06																								
ALTON DAM 26	41.5	23.2	32.4		65	7	- 2	25	1007	0	0	7	26	2	.49		.29	9	T	T	24	2	0	0
CARLINVILLE	42.8	25.3	34.1	1.5	71	6	- 7	25	952	0	0	4	25	1	.74	- 1.24	.46	8	.6	1	25+	3	0	0
GRIGGSVILLE	40.9	24.8	32.9	1.4	71	6	- 5	25	987	0	0	7	25	1	2.64	.74	1.20	8	1.5	2	26+	3	2	2
HILLSBORO	43.8	25.0	34.4	1.1	68	6	- 2	25+	941	0	0	5	23	3	0 .31	- 2.07	.14	9	1.0			2	0	0
JACKSONVILLE 2 E	39.8	21.9	30.9	- .7	72	7	- 7	26	1054	0	0	7	27	2	2.10	.26	1.30	8	1.0	1	24	4	1	1
JERSEYVILLE 2 SW	41.5	22.6	32.1		70	7	- 8	25	1014	0	0	7	25	1	.49		.38	8	T	T	25+	2	0	0
MORRISONVILLE	39.8	21.8	30.8		68	7	-12	25	1055	0	0	7	27	2	.68		.39	9	1.5	2	25+	1	0	0
PANA	40.8	26.3	33.6	1.5	68	6	- 2	25	965	0	0	5	24	1	.69	- 1.70	.37	9	1.2	1	28+	1	0	0
SPRINGFIELD WSO AP R	39.4	23.9	31.7	1.2	70	6	- 9	25	1028	0	0	7	25	1	1.99	.07	.80	8	2.1	1	27+	3	2	0
VIRDEN 1 N	41.2	24.3	32.8		70	6	-10	25	994	0	0	5	25	1	1.15	- .83	.49	8	.7	1	25+	3	0	0
WHITE HALL 1 E	42.7	24.7	33.7	1.0	71	6	- 6	25	962	0	0	5	26	1	1.02	- .78	.75	8				2	1	0
DIVISION			32.7	.4											1.12	- .90			1.0					
* * * EAST SOUTHEAST 07																								
CASEY	42.6M	23.5	33.1M		66	6	- 6	25	963	0	0	5	27	1	.53		.36	8	2.0	2	25	2	0	0
CHARLESTON	40.6	26.0	33.3	1.4	67	6	- 5	25	975	0	0	5	24	1	1.10	- 1.13	.28	24	2.0	2	25+	5	0	0
EFFINGHAM 3 W	40.0	22.7	31.4	- 1.2	67	7	- 6	26+	1034	0	0	8	25	2	.49	- 2.06	.35	9	1.7	2	24	1	0	0
FLORA 5 NW	43.5	26.1	34.8	.4	67	6	- 5	25	929	0	0	5	23	1	.65	- 2.42	.32	8	.3	T	25+	2	0	0
MATTOON	40.8	23.1	32.0		67	6	- 5	25	1014	0	0	7	25	1	.70		.31	8	1.0	1	26+	2	0	0
MOWEAQUA	41.9	25.4	33.7		67	6	- 7	25	965	0	0	5	24	1	0 .82		.35	8	2.0	2	24	3	0	0
NEWTON 6 SSE	41.1	24.9	33.0		67	7	- 3	25	984	0	0	7	24	2	.64	- 2.21	.36	9	1.0	1	26+	2	0	0
OLNEY 2 S	43.4	27.2	35.3	.6	69	6	- 1	25	914	0	0	5	24	1	.68	- 2.34	.41	9	.5	0		2	0	0
PALESTINE	42.5	27.1	34.8	1.1	69	6	- 3	25	929	0	0	5	23	1	.68	- 2.34	.37	8	1.0	1	27+	2	0	0
PARIS WATERWORKS	40.3	25.2	32.8	1.2	66	6	- 4	25	988	0	0	5	24	1	.76	- 2.04	.25	8	1.0	1	27+	3	0	0
SALEM	43.6	26.7	35.2		66	6	- 2	25	915	0	0	4	23	1	.81		.32	8	.5	1	24	3	0	0
TUSCOLA	40.8	25.1	33.0		68	6	2	20	987	0	0	4	24	0	1.18	- 1.20	.49	8	2.0	2	26+	4	0	0
VANDALIA 3 ENE	41.7	25.3	33.5		67	8	1	26+	967	0	0	7	23	0	.46		.43	9				1	0	0
WINDSOR	41.3	25.0	33.2	1.6	68	6	- 5	25	981	0	0	5	23	1	.64	- 1.94	.36	8	1.0	1	25+	2	0	0
DIVISION			33.5	1.1											.72	- 1.97			1.2					
* * * SOUTHWEST 08																								
ANNA 1 E	46.7	28.3	37.5	.8	66	7	3	25	844	0	0	3	22	0	.76	- 2.93	.42	8	T	0		2	0	0
BELLEVILLE SO IL U	46.0	27.4	36.7		67	7	6	21	870	0	0	3	24	0	.62		.51	8	.0	0		2	1	0
CAHOKIA																								
CAIRO WSO CI R	47.8	31.9	39.9	.8	70	6	10	25	774	0	0	3	16	0	1.48	- 2.46	1.29	8	.0	0		2	1	1
CARBONDALE SEWAGE PL	46.0	25.2	35.6	- 1.2	66	7	3	26+	907	0	0	5	23	0	.76	- 2.39	.73	9	T	T	25+	1	1	0
CARLYLE RESERVOIR	44.1M	26.7M	35.4M	1.2	67	8			912	0	0	6	24		.47	- 2.02	.46	9	.2	T	24	1	0	0
DU QUOIN 4 SE	45.7	26.2	36.0	- .2	65	7+	1	25	893	0	0	4	23	0	.85	- 2.10	.81	8	T	T	24	1	1	0
KASKASKIA R NAV LOCK	45.1	25.7	35.4		72	7	0	25	909	0	0	5	24	1	.59		.54	9	.0	0		1	1	0
MARION 4 NNE	45.6	25.3	35.5		68	7	- 1	25	909	0	0	6	22	2	.71	- 2.37	.67	9	T	T	26+	1	1	0
NASHVILLE 4 NE	43.8	27.7	35.8		66	7	0	25	900	0	0	3	21	1	.57	- 2.14	.50	9	T	T	27+	1	1	0
SPARTA	45.2	28.4	36.8	.5	67	7	1	25	868	0	0	3	20	0	.70	- 1.87	.50	8	.3	T	25+	2	1	0
WATERLOO	43.5	26.3	34.9		67	8	- 2	25	926	0	0	6	23	1	.89	- 1.44	.40	9	.5	1	25+	3	0	0
DIVISION			36.3	.1											.76	- 2.28			.1					
* * * SOUTHEAST 09																								
ALBION	45.3	28.5	36.9		68	6	0	25	864	0	0	3	20	1	.92	- 2.48	.47	8	.3	0		3	0	0
BROOKPORT DAM 52	48.4	29.0	38.7		67	7+	6	25	809	0	0	3	18	0	1.71	- 2.07	1.52	9		0		2	1	1
DIXON SPRINGS AGR C	48.0	29.2	38.6		68	6	3	25	811	0	0	3	20	0	1.13		.67	9	.0	0		2	1	0
FAIRFIELD RADIO WFIW	44.5	27.8	36.2	.8	67	7+	0	25	887	0	0	3	20	1	.79	- 2.24	.50	8	T	T	24	2	1	0
HARRISBURG	47.5	29.8	38.7	1.4	71	6	4	25	807	0	0	3	19	0	.75	- 2.63	.40	9	.0	0		2	0	0
MC LEANSBORO 2 ENE	44.5	25.7	35.1	- 1.1	67	8+	2	25	919	0	0	5	23	0	1.38	- 1.75	1.10	9	T	T	25+	2	1	1
MT CARMEL	43.3	26.9	35.1		67	7	4	25	920	0	0	6	22	0	.85		.60	9	T	T	26+	2	1	0
MT VERNON 3 NE	43.5	24.0	33.8	- 1.2	66	8	- 1	25	962	0	0	6	26	1	.70	- 2.25	.67	9	T	T	23	1	1	0
REND LAKE DAM	45.9M	28.6M	37.3M		67	8+			857	0	0		22	0	.90		.84	9	.0	0		1	1	0
ROSICLARE	48.3	28.7	38.5		70	6	4	25	816	0	0	3	21	0			.55	8	.0	0			1	0
DIVISION			36.9	.7											1.01	- 2.30			T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHWEST 01																																
ALEDO	1.08	.16	.10		T		T	.55	.10	T															.17				T			
DIXON 2 W	D 2.23		.34					.78	.88											.10					0 .13							
FREEPORT WASTE WTR PLT	1.90		.51	T		.01		.29	.90	.01			T							.04				T	.07		T			.07		T
FULTON DAM 13	2.05		.37			T		.48	1.08	.06										T					.06					T		T
GALENA	1.76		.54			T	T	.53	.57	T										.06				.01	.05			T		T		
GALVA	3.40		.45	.02		T		1.01	1.60	.08										T					.22	T				.02		
GENESEO	2.94	42	.13		T	T	.71	1.01	41	.02		T							T					.15	.07				.02	T		
HENNEPIN POWER PLANT	0 2.36		.37					T	1.58	.08															0 .27					.06		
ILLINOIS CITY DAM 16 //	2.58		.30			T		.54	1.57	T										T					.17					T		
KEITHSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE 1 E	3.37		.40	.01				1.10	1.50	.11										T					.22					.03		
MOLINE WSO AP R	2.75	.30	.17		T	T	.40	1.15	.45	.03		T					T		T					.19	.06		T		T	T		
MORRISON	2.24		.50				.01	.57	1.04	.02										.02					.04			T		.04		
MOUNT CARROLL	1.91		.55					.32	.90	.03										.02					.08	T		T		.01		
NEW BOSTON DAM 17	2.97		.30	T				.72	1.74	.03	T	T								T					.18	T				T		
PAW PAW	2.45		.60					.43	.86	.13	.04	T	T							.05					.18					.16		
ROCHELLE	2.25		.38			T		.77	.75	.07										.04					.08					.16		
ROCKFORD 6 ENE	2.27		.35			T	T	.88	.81			.02								.03					.03		T			.15		
ROCKFORD WSO AP //R	2.71	.33	.14		T	.02	.45	1.10	.32	T		.01	T				T		.08				T	.05	.06	T	T		.06	.09	T	T
STOCKTON 1 N	1.75		.36			T	T	.48	.81				T							.03				T	.06					.01		
TISKILWA 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * NORTHEAST 02																																
ANTIOCH 2 NW	2.77		.46	.16			T	.60	.60	.22								.02		.09					.14	.01	.01	T		.40		.06
AURORA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARRINGTON	2.33		.48	.01		T	T	.28	.72	.07	T						T	T		.10					.13		.02			.50	.02	T
CHANNAHON DRESDEN ISL	2.11		.35	.03		.01		.02	.78	.25	.07									T					.18	.06	T	.03		.33		
CHICAGO O'HARE WSO AP R	3.43	.47	.29		T	T	T	1.12	41	.09	T	T					.02	T	.12				T	.03	.18	T	.04	T	.21	.37	.01	.07
CHICAGO UNIVERSITY //	3.25		.62			.02		.18	1.34	.04			T						.03	.03					.33		.03		.03	.60		
CHGO MIDWAY AP 3 SW //R	2.97	.40	.21		T	.01	.01	.70	.77	.06	T	T					T	T	.03					.05	.23		.03		.22	.23	T	.02
DE KALB	1.76	T	.30			T		.29	.78	T		T							.04						.14		.03			.18		
ELGIN	2.24		.46			T	T	.18	.70	T	.31							T		.06					.13			T		.40		
GEBHARD WOODS ST PARK	2.37		.45	T	T	.05		.05	1.26	.07	T									T					.21	T	T	T		.28	T	T
JOLIET BRANDON RD DAM	2.54		.51	T		.02		.05	1.14	.24	T	T	.02							.01					.20		T	T		.35		T
MARENGO	3.17		.43	.03		.02	T	1.20	.82	.13			T					T		.11					.10	T	T	.01		.30		.02
MARSEILLES LOCK	2.56		.39	.05		.02		.09	1.30	.13	.02		T				T			.01					.26	T		T		.29		
MC HENRY LOCK AND DAM	2.56		.57	T		T		.58	.72	.03		T	T				T	T		.12					.12		.02	T		.40		T
MORRIS	-		-						1.15	.20	.10														.23					.36		
OTTAWA	2.22	.04	.32			T		.78	.81	.02									T						.25							
PARK FOREST	2.68		.42			.03		.09	1.27	.21	T								T						.29		.02			.35		
PEOTONE	2.75		.50	T			T	.10	1.40	.16	.08									T					.21			T		.30		T
PERU 2 W	2.53	*	.40	T				1.30	.50	.04															.24					.05		T
STREATOR 3 SE	2.51		.40	.06					.92	.50	.10									T					.10	.12				.31	T	T
UTICA STARVED ROCK DAM	2.54		.45	.02		.02	T	.03	1.46	.04	.09	T								.01					.24	.01		T		.17		T
WAUKEGAN	0 3.01		.35	.50		T	T	.11	.60	.30	.03		T					.02		.22				T	.25	0 .02	.03			.55		.03
WHEATON 3 SE	2.43		.51	.10		.02	.03	.14	.84	.06								T		.05					.21	.04				.41		.02
* * * WEST 03																																
AVON 5 NE	3.09		.39			T		.67	1.60	.21															.22							
BENTLEY 1 E	3.63	.05	.13		T	T	T	2.02	1.07	.11	T														.24					.01		T
CANTON 1 ESE	3.30	.45	.15		T			1.42	.90																.24					.14		
GALESBURG	3.71		.40			T		1.23	1.81	.05	T	.02								T					.20	T				T	T	
GLADSTONE DAM 18	3.32		.35					.66	2.00	T	T	T													.31							
GOLDEN 1 NW	3.05					T	.10	1.60	1.20	.05															.10					T		
LA HARPE	3.34		.32			T		1.44	1.30	.11															.17							
MACOMB	2.82		.14			.01	T	.76	1.72	.04	T														.15	T						
MONMOUTH	3 82	.06	.26		T	T	T	2.01	1.28	T															.21							
MOUNT STERLING	-	-	-	-	-	-	-	-	-	-	-														.10							
PAYSON	1.92		T			T		.79	.77	.18	.01														.13	T				.04		
QUINCY FAA AP	2.78	.09	T		T	T	.04	1.69	.70	.15														.07	.02		T		.02			
QUINCY DAM 21 //	3.25		.04					1.26	1.66	.19	T														.10					T		
QUINCY MEMORIAL BRIDGE	3.33		.06			T		1.09	1.72	.21	.02														.21					.02		
RUSHVILLE	2.63	T	T		T	T		1.47	.78	.12															.14					.11	.01	
* * * CENTRAL 04																																
BLOOMINGTON WATERWORKS	2.53		.10	T		.12	.09	.53	1.08	.17	T														.26	T				.18		
BRADFORD 1 W	2.70		.40					*	1.85	.30															.15							
CHENOA	-	.09	T			T	T	-	-	.06	.09								T						.17					.37		
CHILLICOTHE	2.22		.38	T	T	.02		.18	1.35	.14															.07					.08		
CLINTON 1 SSW	2.09		.10		.03	T	.18	.77	.52	.11	T														.12	.03				.23		
DECATUR	1.41		T			.02		.14	.77	.26	.01														.05	T				.16		
FARMER CITY	1.98					.10		.20	.68	.55	.10														. 5	.04				.16		
HAVANA 4 NNE	2.88		.10			.05		.85	1.20	.20	.05	T													.30	.03				.10		
LACON 2 E	2.25	.13	.20	T		.04		.30	1.30	.03									T						.15					.07		.03
LINCOLN	2.31		T			.07		.55	.85	.48	.06														.14					.16		
MACKINAW	2.61	.02	.09			.02	T	1.13	.85	.11		T													.26				T	.13		
MASON CITY 1 NW	2.19	T	.07			T		.90	.82	.09															.17					.14		T
MOUNT PULASKI	2.69				.01	.02		1.60	.74	.20															T					.12	T	
NORMAL	1.64	T	.07			T		.54	.57	.06		T													.23					.17		
PEORIA WSO AP //R	2.25	.30	.02		T	.01	T	1.09	.55	.04	.01	.01			T				T					.03	.15		T		.03	.01		
PETERSBURG 3 SSW	2.79							.64	1.47	.22	.11														.05	.02				.28		
PRINCEVILLE	2.37	.10	.22			T		.57	1.25																.20					.03		
* * * EAST 05																																
DANVILLE	1.28	T	.10			.02		.33	.43	.17															.12					.11		
DANVILLE SEWAGE PLANT	1.16	.08	T		.02		T	.23	43	.13	T														.18	T				.09		
FAIRBURY WATERWORKS	-	T	.02			.09	.14	.21	.51	.31	T									T				T	.18	T				-		
GIBSON CITY 1 E	2.36		.02	T		.05		.28	.86	.57	.10														.20	.04				.24		
HOOPESTON 1 NE	1.81		.13	T		T	T	.16	.33	.67	.07	T	T			T				T					.28	.02				.15	T	T
KANKAKEE WTR POLL CTR	2.24		T	.06		.03		.07	1.35	.22	.02														.26			T		.23	T	
MONTICELLO 2	1.72		.01	.01		.02		.38	.46	.61	.03														.07					.13		
PIPER CITY 3 SE	1.73		.04	.02		.01		.21	.58	.30	.05		T							T					.15	.16		T		.21	T	
PONTIAC	1.89		T	.20		T	T	.15	.75	.24	.11	T									T				.18	.01		T		.25		
RANTOUL	1.49		T			T	T	.31	.55	.30	.09														.20	.04				T		
SIDELL	1.06					T	.08	.02	.30	.48															.10	T				.08		
URBANA	1.36	.01	.01		.03		T	.37	.59	.15	T	T								T					.12					.08	T	T
WATSEKA 2 NW	2.20		.19			.07		.19	.63	.60	T														.28					.24	T	
* * * WEST SOUTHWEST 06																																
ALTON DAM 26	.49							T	.15	.29	.03														.02	T						
BEARDSTOWN	2.45		T			T	T	.84	1.27	.10	T														.15	.04				.05		
BLUFFS	2.65							1.26	1.15																.04				.12	.08		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CARLINVILLE	.74		T		T	T	.01	.03	46	.13															.10					01		
EDWARDSVILLE 1 NE	.55							.02	02	.41	03														.07							
GRAFTON	53							.02	21	.28															.02							
GREENFIELD	1.12					T		.03	73	.23	01														.09	T				03		
GREENVILLE 1 E	.55					.01		.01		.45	01														07	T						
GRIGGSVILLE	2.64		.04					1 06	1.20	.14	05														08					07		
HILLSBORO	D .31				T	T	T	04	.03	.14															D 10							
JACKSONVILLE 2 E	2.10		1			T		.24	1 30	.37	.06														.02	1	T	T		11		
JERSEYVILLE 2 SW	.49							1	.38	.11															T	1						
KINCAID	1.17					.03		.10	.44	.42															12					06		
MEDORA	.76				1	T		.20	.40	.13															.03							
MORRISONVILLE	.68			1				.06	.08	.39	T	1													09		02			04	T	T
MOUNT OLIVE 1 E	.58								.33	.14															.11							
PANA	.69		.01			T		T	.05	.37	.07	T													.08	03				06	02	
SPRINGFIELD WSO AP R	1.99	T	.01		T	.01	.02	74	80	.20	1														.09		T	T	05	07		
VIRDEN 1 N	1.15					T	1	.08	.49	.41	.03														.03	T				11		
VIRGINIA	2.38		.04					.70	1.22	.23	02														.04					13		
WHITE HALL 1 E	1.02							.03	75	19	01														T					04		
EAST SOUTHEAS1 07																																
CASEY	.53	.02	T		T	T	T		.36	.03						T									1	12				T		
CHARLESTON	1.10		1		T	.03	.04	.05	15	.20	17														28						18	
CLAY CITY 6 SSE	.61									.60																.01						
OIONA 3 SW	.54									.54																						
EFFINGHAM 3 W	.49		1	1		T	.01	1		.35	.01										T				.08	T				.04	T	
FLORA 5 NW	.65	T			T	T	.08		.32	.17									T	1					.03					05		
GREENUP	.91	T	T			T	.02	T		.40	.10														.25	.10				01	03	
HUTSONVILLE POWER PL	.86		.26			T				.50	.10					T	1			T					T							
LAWRENCEVILLE	1.44		T	T		T	T	T	1	1.33	02					T	1			T					.05	.03				01		
MATTOON	.70	.06				T	.03	.04	.31	.15						T									.05					.06		
MOWEAQUA	D .82				T			.25	.35	.02	T														D .20					1		
NEWTON 6 SSE	.64		.02			T		.18		36	1	T				T									.02	.04				.02		
OLNEY 2 S	.68								.23	.41															.03					.01		
PALESTINE	.68	T	.04		T	T	.05		.37	.18						T			T						04					1		
PARIS WATERWORKS	.76	.02	.02		1	.02	T	.08	.25	.18						.02				T					10			1		.07		T
SAINTE MARIE	.85		.06			T		.22		.47	.04															T				.06		
SALEM	.81	T			02	.01	.02		.32	.14															.30					T		
TUSCOLA	1.18					.06	T	.25	.49	.14															.20					.04		
VANDALIA 3 ENE	.46					T			T	.43	T																			.02	01	
WINDSOR	.64	T	T		T	.04		.02	.36	13	T					.01									.08					T		
SOUTHWEST 08																																
ANNA 1 E	.76						T		42	.34															T							
BELLEVILLE SO IL U	.62				T				.51	.11									T													
CAHOKIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAIRO WSO CI R	1.48								1.29	.06														.01	.12							
CARBONDALE SEWAGE PL	.76		T					T		.73	T									T					.03	1				1		
CARLYLE RESERVOIR	.47		T					T	T	46	T									T					.01							
CENTRALIA	.76					1		.12		53										.02					.05	.04						
CHESTER	.89					1	T	.03		.84	.02																					1
COULTERVILLE 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU QUOIN 4 SE	.85								.81	.04															T							
GRAND TOWER 2 N	.99							.09		.85															.05							
KASKASKIA R NAV LOCK	59							.03		.54	T														.02							
MARION 4 NNE	.71		1					T		.67	.02														.01	T				.01		
NASHVILLE 4 NE	.57							.05		.50										01					.01	T						
PRAIRIE DU ROCHER 1WSW	.51		.01						.01	.47	.02														1							
RED BUD 5 SE	.57							.12		.45															T							
SPARTA	.70	.02	T				T		.50	.18									T						1							
WATERLOO	.89							.26	.20	40															.03							
SOUTHEAST 09																																
ALBION	.92								.47	.32															11					.02		
BENTON FOREST SERVICE	.89							.01		88																						
BROOKPORT DAM 52	1.71									1.52	.02									T					.17	T				T		
CARMI 6 NW	.92		T					.03		.70	.05														T	.14	T			T		
DIXON SPRINGS AGR C	1.13								.39	.67															.07							
FAIRFIELD RADIO WFIW	.79		T		T				.50	.29										T					T					T		
HARRISBURG	.75								35	.40																						
HARRISBURG DISPOSAL PL	.85							T		.75	T														.10	T				1		
MC LEANSBORO 2 ENE	1.38					.03		1		1.10	T					.03									.02	T				.20	T	
MT CARMEL	.85									.60	.05													T	.07	13				1	T	
MT VERNON 3 NE	.70					T				.67	.03													T								
REND LAKE DAM	.90									.84															.05					.01		
ROSICLARE	-		T						.55	-															.11							
SHAWNEETOWN NEW TOWN	.85									.76	.04														.05	T					T	
SMITHLAND L & D	1.79									1.55	.03									T					21	T						
WAYNE CITY 1 N	.65									.65																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX	51	38	30	36	56	61	61	44	32	31	27	47	41	37	34	35	41	38	25	12	21	32	37	34	13	23	27	36	43	37	35	36.0
	MIN	31	12	5	24	32	52	42	31	26	24	18	26	21	22	23	25	23	24	3	-1	7	15	24	8	-9	10	6	23	29	25	29	20.3
DIXON 2 W	MAX	57	46	24	28	36	50	60	47	38	32	27	30	45	28	34	36	34	36	32	11	13	23	31	37	19	18	22	28	36	38	35	33.3
	MIN	27	21	4	13	22	34	44	35	25	23	13	14	22	21	20	21	21	24	0	-3	-3	10	15	17	-14	-10	3	18	18	22	22	16.1
FREEPORT WASTE WTR PLT	MAX	54	43	23	29	35	44	56	45	37	33	27	31	49	30	31	34	34	37	32	8	12	23	30	36	18	17	21	29	35	38	35	32.5
	MIN	34	22	3	11	22	34	42	35	24	24	10	12	20	21	20	20	20	27	0	-6	-7	10	10	17	-5	-3	6	18	23	28	28	16.8
FULTON DAM 13	MAX	57	45	27	28	37	51	55	49	37	35	29	35	48	29	33	35	34	39	33	10	14	23	33	37	20	20	22	25	36	38	34	33.8
	MIN	36	24	4	11	22	36	41	36	25	25	15	15	25	22	23	23	20	26	5	2	2	12	17	20	-4	-5	9	9	9	28	28	18.1
GALVA	MAX	54	45	21	29	43	58	63	49	36	31	29	31	45	28	34	33	34	38	32	10	13	21	32	37	19	20	24	27	35	39	34	33.7
	MIN	34	20	5	17	26	42	45	35	28	25	19	19	23	22	24	24	22	26	3	1	1	13	16	18	-8	-3	9	9	23	28	28	19.2
GENESEO	MAX	45	34	28	35	55	62	56	43	33	30	28	48	40	33	34	34	38	37	16	14	22	33	37	30	17	22	27	37	42	35	36	34.9
	MIN	33	8	8	23	35	52	42	30	27	21	19	27	23	23	19	21	20	16	4	1	10	16	25	0	-6	16	7	24	29	29	30	20.4
HENNEPIN POWER PLANT	MAX	62	47	27	32	39	55	63	51	41	33	30	31	49	31	36	37	38	41	35	17	16	30	35	30	14	20	23	30	38	40	35	35.7
	MIN	30	25	9	13	26	38	49	40	29	27	20	20	27	26	25	26	22	26	5	2	3	13	25	13	-10	-3	1	3	24	29	30	19.8
KEWANEE 1 E	MAX	57	45		29	43	57	63	49	36	32	29	36	36	30	33	34	33	38	33	11	14	22	32	38	18	22	23	27	36	39	35	34.3
	MIN	31	17		17	27	41	45	35	27	25	18	20	24	22	23	25	18	27	2	-1	2	12	19	18	-4	-6	4	13	23	28	27	19.3
MOLINE WSO AP	MAX	45	33	29	35	56	59	51	41	34	29	28	49	39	34	34	36	39	34	15	14	22	33	37	27	16	21	27	36	43	35	36	34.4
	MIN	30	5	4	20	34	51	41	28	26	20	17	28	22	23	23	19	18	15	4	1	12	16	25	0	-12	6	2	24	23	28	29	18.8
MORRISON	MAX	57	46	24	30	39	52	59	46	36	34	27	32	48	29	35	37	36	38	33	10	15	25	33	37	20	19	23	29	36	42	35	34.3
	MIN	30	22	5	16	27	37	44	35	26	25	15	16	23	21	22	22	17	25	2	-1	-1	10	19	19	-10	-4	3	7	23	29	29	17.8
MOUNT CARROLL	MAX	55	44	22	27	37	47	55	44	35	34	26	31	50	28	35	37	35	38	32	9	13	23	31	37	18	18	22	27	35	40	36	32.9
	MIN	25	18	-3	12	19	33	41	32	22	22	11	12	18	19	18	20	10	23	-1	-7	-1	9	15	15	-12	-2	-1	17	22	27	22	14.7
PAW PAW	MAX	55	43	25	27	35	47	59	47	40	31	27	29	42	28	32	36	35	35	32	8	13	22	30	38	18	16	20	27	34	36	34	32.3
	MIN	30	25	7	12	22	33	47	40	30	24	13	14	24	21	22	22	22	20	4	-4	0	10	15	16	-10	-7	6	17	20	26	25	17.6
ROCHELLE	MAX	55	44	24	28	36	49	59	48	39	33	28	32	43	35	32	35	33	35	32	8	10	23	30	35	15		29	31	34	37	35	33.6
	MIN	27	21	5	13	23	32	47	32	26	22	12	12	22	22	19	20	22	22	0	-5	-2	5	15	15	-11		7	7		26	26	16.6
ROCKFORD WSO AP	MAX	43	32	28	34	46	60	58	42	32	29	24	45	37	31	33	32	36	34	12	10	20	28	36	28	14	21	28	34	35	32	34	32.5
	MIN	32	6	3	23	34	45	42	27	26	17	10	24	22	23	20	26	23	12	-3	-6	0	17	23	-5	-11	5	16	22	31	28	31	18.2
STOCKTON 1 N	MAX	53	42	19	26	35	47	53	43	34	32	25	30	47	28	30	32	32	37	30	6	11	22	29	34	15	16	20	27	34	38	34	31.0
	MIN	33	16	1	12	16	33	40	32	22	22	10	11	18	18	17	20	13	25	-3	-5	-4	10	11	14	-9	-8	2	17	24	27	27	14.9
TISKILWA 2 SE	MAX																																
	MIN																																
* * *																																	
NORTHEAST 02																																	
ANTIOCH 2 NW	MAX	51	42	27	28	38	46	57	50	40	30	29	26	42	29	29	33	30	36	31	6	13	23	30	37	19	19	21	30	33	35	33	32.0
	MIN	32	26	4	9	20	28	45	38	25	22	8	9	21	19	19	20	25	25	-3	-4	-3	7	18	17	-9	-10	8	20	21	27	27	16.5
AURORA	MAX																																
	MIN																																
BARRINGTON	MAX		50	26	26	37	50	58	53	39	30	28	32	42	29	30	35	31	36	31	5	10	20	30	36	18	17	20	30	36	35	33	31.8
	MIN		24	5	11	25	35	48	38	26	22	9	10	23	21	20	22	24	24	-3	-6	-6	5	16	15	-10	-10	14	18	20	28	28	16.5
CHICAGO O'HARE WSO AP	MAX	46	40	30	40	55	65	59	47	33	30	24	48	38	32	36	33	36	36	16	10	21	32	38	32	17	22	28	36	36	32	34	34.9
	MIN	32	11	10	26	36	52	45	32	27	18	11	24	23	23	22	30	27	16	2	-1	5	19	31	2	-8	12	16	20	29	30	32	21.1
CHICAGO UNIVERSITY	MAX	51	45	28	38	46	59	60	57	41	35	30	46	47	33	35	36	33	38	27	11	23	28	39	40	18	21	26	34	36	38	35	36.6
	MIN	38	26	17	27	36	45	56	39	32	20	17	23	26	24	28	31	26	27	2	0	8	20	27	17	-2	9	20	20	32	31	24	24.1
CHGO MIDWAY AP 3 SW	MAX	47	40	29	41	50	60	57	48	35	30	27	47	37	33	36	33	37	36	16	15	25	31	40	30	16	22	29	36	37	33	35	35.1
	MIN	32	14	12	24	35	49	46	35	26	19	14	27	23	23	24	28	25	16	2	-1	5	19	29	2	-6	12	19	19	31	29	29	21.3
DE KALB	MAX	50	40	28	35	46	58	58	49	36	30	25	45	38	34	37	33	35	36	23	12	23	28	36	34	15	21	29	33	35	33	33	34.5
	MIN	31	19	7	23	33	45	48	36	26	23	11	19	22	21	22	25	24	23	0	-4	5	16	24	10	-8	7	7	19	30	25	29	19.9
ELGIN	MAX	51	42	25	28	37	48	58	54	40	31	28	31	42	28	30	35	31	35	32	5	9	22	30	36	18	16	21	28	37	34	33	32.1
	MIN	25	23	6	13	25	35	47	40	26	21	9	12	25	21	21	22	25	23	-2	-5	-4	8	16	16	-8	-9	14	18	19	27	28	17.3
GEBHARD WOODS ST PARK	MAX	50	50	28	29	40	51	63	56	46	33	30	32	47	32	35	37	34	37	36	10	14	22	33	41	20	18	24	28	37	35	34	34.9
	MIN	30	26	10	11	23	38	47	38	30	26	19	21	28	28	25	25	23	20	4	0	0	10	19	19	-11	3	10	11	16	29	29	19.6
JOLIET BRANDON RD DAM	MAX	51	49	29	31	40	57	62	57	47	33	30	33	48	33	36	38	35	39	35	9	14	25	35	41	21	21	23	30	37	36	35	35.8
	MIN	32	25	10	12	23	37	50	44	30	23	16	16	30	21	25	26	26	24	2	-2	-2	9	18	21	-6	-6	14	16	20	29	29	19.7
MARENGO	MAX	54	42	25	28	36	50	59	50	38	32	28	29	44	29	30	34	31	36	31	7	11	23	30	37	17	16	20	30	33	37	33	32.3
	MIN	31	22	2	10	17	34	49	36	24	22	8	9	21	19	18	21	25	25	-5	-8	-6	6	17	16	-10	-10	5	19	20	23	21	15.5
OTTAWA	MAX	49	43	28	38	54	65	61	53	36	31	27	51	43	37	38	35	37	38	27	17	26	34	41	36	15	25	32	39	36	35	37	37.5
	MIN	33	21	10	24	34	53	51	36	31	27	20	26	27	25	26	29	26	27	5	1	8	19	30	15	-7	10	12	21	31	30	22	23.3
PARK FOREST	MAX	48	49	30	29	40	60	60	57	45	35	29	34	48	32	33	35	33	36	36	8	14	25	32	40	21	17	27	35	36	37	34	35.3
	MIN	30	26	10	16	28	38	52	43	31	23	15	16	27	21	22	24	22	22	2	-2	-1	9	18	19	-9	-7	11	20	30	29	28	19.8
PERU 2 W	MAX	51	45	33	35	54	62	58	54	39	36	32	48	41	34	33	34	40	36	26	23	12	34	40	34	18	20	28	34	38	38	40	37.1
	MIN	25	25	9	25	35	48	40	36	31	29	19	26	23	26	29	30	32	26	14	10	6	11	30	18	-11	4	8	21	28	30	30	23.0
WAUKEGAN	MAX	52	43	27	30	38	49	59	56	42	31	28	27	42	30	30	33	31	36	33	5	11	23	30	29	19	17	21	27	34	35	32	32.3
	MIN	31	27	7	9	28	36	47	40	26	21	8	8	25	21	20	22	25	25	-2	-5	-5	4	17	17	-6	-7	13	20	21	26	27	17.6
WHEATON 3 SE	MAX	45	43	28	39	47	59	60	51	38	29	27	45	42	33	35	33	35	36	27	12	22	30	38	34	14	22	28	35	36	34	35	35.2
	MIN	30	20	6	23	34	43	51	37	29	24	13	22	25	22	20	27	25	25	0	-3	0	11	28	14	-13	9	18	19	32	30	29	21.0
* * *																																	
WEST 03																																	
GALESBURG	MAX	47	34	41	37	57	64	55	45	33	30	30	50	37	36	33	35	39	35	16	16	22	32	37	29	15	24	28	37	42	35	35	35.7
	MIN	34	8	8	26	36	39	44	30	28	22	21	30	23	23	25	25	25	16	3	1	10	15	25	-1	-7	15	11	24	29	29	29	20.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																														AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GOLDEN 1 NW	MAX	51	45	38	41	57	70	66	55	34	32	37	54	45	43	45	45	45	40	31	20	25	34	42	37	14	27	30	45	44	40	27	40.6
	MIN	38	14	12	29	38	52	50	32	29	25	27	30	25	25	27	27	26	31	7	4	8	15	27	11	-8	13	12	20	20	20	23	22.9
LA HARPE	MAX	53	41	33	37	57	68	64	46	34	31	32	53	41	41	37	39	43	39	29	16	23	34	38	35	15	27	28	39	44	34	35	38.3
	MIN	35	14	10	25	36	53	42	30	29	26	24	31	24	21	26	25	25	28	6	2	8	15	24	7	-7	13	11	24	24	31	27	22.2
MONMOUTH	MAX	50	40	29	34	56	64	62	46	32	30	29	49	42	36	35	34	40	38	27	13	22	33	38	34	12	24	27	36	42	37	34	36.3
	MIN	33	14	7	24	33	52	43	32	28	26	21	28	23	23	25	25	25	26	5	1	7	15	24	11	-8	9	9	23	30	25	30	21.6
QUINCY FAA AP	MAX	48	36	34	42	59	67	58	51	31	31	36	53	41	42	38	38	44	38	22	14	21	34	38	30	19	26	29	42	42	36	40	38.1
	MIN	36	12	12	28	42	56	45	31	25	24	28	34	25	24	29	27	27	22	6	4	9	14	27	-1	-5	17	13	24	30	26	29	23.2
QUINCY DAM 21	MAX	62	49	24	36	50	60	70	53	40	34	33	38	55	35	45	38	39	47	38	15	15	24	37	41	21	22	29	31	43	44	39	38.9
	MIN	34	15	11	11	28	46	45	37	27	26	25	26	31	22	23	27	24	26	10	3	3	8	15	17	-8	-8	10	10	22	21	23	19.7
RUSHVILLE	MAX	52	48	36	39	55	70	67	59	33	38		54	50	42	38	39	42	41	29	16	24	34	42	36	14	27	29	42	44	38	35	40.4
	MIN	35	16	11	22	37	54	54	32	30	26	22		22	24	28	25	24	28	7	3	7	15	25	11	-9	13	12	24	31	26	30	22.8
* * *																																	
CENTRAL 04																																	
CHENOA	MAX	47	50	32	37	55	65	60	56	42	35	29	52	43	35	35	33	36	37	26	10	24	34	41	37	14	23	42	38	36	34	36	37.9
	MIN	28	21	11	25	33	49	54	27	29	25	21	28	26	22	25	26	20	26	5	0	8	6	27	7	-11	4	15	15	31	27	30	21.3
DECATUR	MAX	55	54	37	41	54	70	60	57	38	33	39	59	48	41	41	37	40	41	33	19	28	38	43	35	17	27	33	44	38	34	37	41.0
	MIN	38	22	15	27	38	52	54	38	33	26	28	32	27	23	29	28	16	26	10	3	5	13	27	12	-11	8	18	19	33	30	30	24.2
FARMER CITY	MAX	49	54	33	38	54	67	61	58	38	33	34	55	41	38	38	34	38	37	30	18	23	35	42	32	14	25	29	42	36	35	37	38.6
	MIN	32	23	13	26	34	50	54	38	30	26	25	32	29	24	28	24	19	29	7	2	8	14	28	9	9	9	15	18	32	29	30	23.5
HAVANA 4 NNE	MAX	59	47	24	34	47	60	70	59	43	33	32	34	54	34	42	36	38	41	36	13	17	25	37	40	21	19	27	32	40	41	35	37.7
	MIN	33	21	12	18	25	47	52	43	31	26	26	27	28	21	28	26	19	25	6	3	4	12	14	20	-9	-4	7	10	25	26	30	21.0
LACON 2 E	MAX	55	41	32	37	58	67	62	53	39	32	28	52	43	37	38	36	39	38	28	16	25	34	40	34	17	25	30	39	40	36	37	38.3
	MIN	32	18	7	21	34	50	49	39	28	27	21	26	26	23	25	26	23	25	4	1	5	15	25	5	-10	8	5	20	31	28	30	21.5
LINCOLN	MAX	52	54	35	39	53	70	62	59	39	32	36	56	47	41	38	37	39	40	32	18	23	35	42	37	15	27	32	41	38	35	37	40.0
	MIN	36	20	13	27	35	50	54	37	32	26	26	32	29	23	30	28	21	26	7	3	10	15	28	13	-7	11	12	20	32	31	30	24.2
MASON CITY 1 NW	MAX	51	53	34	38	55	70	65	60	37	32	35	56	48	40	37	35	40	39	31	17	22	35	42	35	13	26	31	40	38	35	36	39.5
	MIN	35	19	12	28	36	52	54	36	32	28	27	31	29	22	29	27	21	31	8	3	8	15	26	13	-10	12	10	22	33	29	30	24.1
NORMAL	MAX	47	51	33	38	54	65	64	56	38	32	32	53	52	35	36	35	37	37	32	16	24	33	41	40	15	24	30	38	37	33	37	38.5
	MIN	32	21	13	28	37	51	55	38	30	25	23	31	30	23	26	26	24	26	7	2	5	17	29	15	-12	10	9	22	32	30	30	23.7
PEORIA WSO AP	MAX	48	39	31	38	55	66	59	51	33	30	32	51	38	38	35	37	38	35	18	16	21	33	39	31	14	24	27	37	40	34	36	36.3
	MIN	33	11	10	27	38	50	49	33	27	24	23	30	23	21	26	23	22	18	4	1	10	15	26	2	-10	14	8	21	30	29	28	21.5
PRINCEVILLE	MAX	48	43	30	35	56	66	62	56	36	31	28	49	45	36	36	36	39	36	21	15	23	33	38	33	13	26	30	36	40	33	36	36.9
	MIN	30	9	5	24	32	49	47	33	26	24	20	26	23	20	23	25	19	21	2	-2	4	13	24	6	-12	9	4	21	30	29	27	19.7
* * *																																	
EAST 05																																	
DANVILLE	MAX	53	56	32	40	54	65	62	59	43	36	35	56	51	39	37	34	36	41	34	18	24	36	42	38	16	27	30	41	38	35	37	40.2
	MIN	36	25	13	27	37	51	55	41	35	24	25	33	28	23	31	25	14	25	9	2	4	13	21	15	-8	8	21	10	32	30	31	23.7
GIBSON CITY 1 E	MAX	42	51	29	32	40	53	65	61	54	34	30	35	53	34	34	34	33	38	32	13	11	25	35	43	22	19	29	31	40	34	33	36.1
	MIN	28	28	13	16	28	40	48	53	32	26	23	23	32	24	27	25	17	16	7	1	1	10	13	21	-8	-8	13	14	17	29	29	20.6
HOOPESTON 1 NE	MAX	50	54	30	36	52	64	60	58	41	32	31	53	46	34	35	33	34	37	28	15	21	34	41	35	12	23	28	39	35	34	34	37.4
	MIN	39	23	13	26	34	49	55	40	31	26	24	30	26	24	28	25	19	27	7	1	5	15	28	11	-8	5	19	15	32	29	30	23.5
KANKAKEE WTR POLL CTR	MAX	51	50	29	30	41	56	59	65	51	35	30	35	49	46	39	37	34	37	38‾	14	19	21	33	41	32		34	33	37	36	35	38.2
	MIN	29	27	12	14	27	40	46	48	34	21	20	20	28	24	23	25	20	20	5	-2	0	11	18	22			21	22	24	30	29	22.7
PIPER CITY 3 SE	MAX	44	50	30	36	52	65	60	59	39	30	30	51	41	35	35	33	35	37	27	12	20	34	40	34	10	24	28	38	36	34	35	36.6
	MIN	33	22	11	26	33	47	55	39	30	23	21	28	26	23	25	24	18	27	6	-1	4	12	25	8	-10	3	8	12	31	29	31	21.6
PONTIAC	MAX	47	44	30	38	52	65	62	55	39	32	29	52	44	36	35	33	37	34	29	18	24	33	40	36	12	23	28	38	35	33	37	37.1
	MIN	33	22	12	25	34	50	55	39	32	26	21	27	28	23	25	28	21	29	7	2	8	15	27	12	-7	9	8	16	32	28	30	23.1
RANTOUL	MAX	45	53	30	31	44	54	64	60	55	36	31	38	53	34	36	38	33	36	37	13	16	18	31	41	26	18	24	29	40	38	39	36.8
	MIN	26	29	12	14	27	42	52	53	32	26	23	25	33	23	26	24	19	20	9	1	1	10	16		-7	-6	18	18	19	28	18	21.0
URBANA	MAX	52	54	34	38	51	66	59	57	38	31	34	55	39	37	37	34	37	40	24	15	24	35	40	34	15	25	30	42	35	32	36	38.1
	MIN	40	19	15	27	38	48	55	38	29	28	25	34	26	25	29	25	20	24	6	3	11	15	30	4	-2	15	21	17	32	30	32	24.5
WATSEKA 2 NW	MAX	44	50	36	29	40	53	64	61	54	35	29	34	51	35	36	35	34	35	37	11	17	26	33	40	29	17	23	29	36	35	33	36.2
	MIN	31	28	13	14	29	40	52	53	35	26	22	22	33	28	26	22	17	19	7	1	1	8	17	26	-9	-9	10	10	19	30	30	21.0
* * *																																	
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX	59	61	31	37	48	59	65	64	58	36	36	47	58	40	51	41	41	45	43	12	18	25	36	46	22	22	31	33	43	38	40	41.5
	MIN	33	22	19	18	31	43	49	49	31	26	27	29	35	25	26	27	21	23	11	8	5	9	15	22	-2	0	19	19	23	27	28	23.2
CARLINVILLE	MAX	61	56	36	41	57	71	65	63	37	35	44	62	50	47	41	38	41	43	36	18	25	37	46	40	15	33	32	42	39	36	39	42.8
	MIN	48	20	15	29	40	54	55	35	32	26	29	36	28	23	32	29	18	28	11	5	5	13	28	13	-7	14	20	22	28	26	29	25.3
GRIGGSVILLE	MAX	56	54	36	42	58	71	62	56	33	31	39	57	45	45	40	38	45	40	30	12	24	36	40	35	17	30	31	47	43	36	38	40.9
	MIN	43	15	13	29	42	56	55	33	28	26	29	34	26	25	30	23	24	30	9	4	7	15	28	8	-5	15	14	24	32	24	32	24.8
HILLSBORO	MAX	59	57	36	39	57	68	66	65	40	36	44	63	57	47	44	40	41	44	39	19	28	32	45	40	25	31	33	42	40	41	39	43.8
	MIN	45	20	15	28	39	51	50	35	33	25	29	32	33	22	35	27	19	29	11	-2	-2	14	30	18	-2	11	21	20	29	29	30	25.0
JACKSONVILLE 2 E	MAX	59	57	25	36	50	58	72	62	48	34	33	40	59	38	44	38	38	42	41	15	17	25	36	41	26	19	30	33	43	39	36	39.8
	MIN	29	22	12	16	32	48	54	46	32	26	28	30	34	24	26	26	22	23	11	4	4	8	12	23	-5	-7	12	11	23	24	28	21.9
JERSEYVILLE 2 SW	MAX	59	62	26	36	50	60	70	67	45	35	35	45	62	38	53	38	40	45	42	22	18	25	37	45	21	23	32	33	44	37	40	41.5
	MIN	34	19	15	20	34	47	52	44	31	25	27	31	33	19	28	25	16	26	10	8	4	10	18	19	-8	2	20	21	25	20	26	22.6
MORRISONVILLE	MAX	49	58	25	36	50	55	68	62	57	35	32	42	56	40	45	41	37	40	42	15	19	26	36	46	25	17	33	33	41	36	36	39.8
	MIN	23	20	16	22	32	40	53	52	34	27	28	30	32	25	23	26	20	22	8	4	5	7	10	24	-12	-8	13	19	19	32	30	21.8
PANA	MAX	57	56	35	42	55	68	62	59	38	34	40	59	49	42	39	35	38	43	33	16	24	35	42	35	13	28	30	41	44	34	38	40.8
	MIN	46	21	19	29	40	53	55	38	33	28	30	34	29	25	32	29	21	31	10	5	9	14	29	12	-2	12	22	19	31	30	31	26.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

ILLINOIS
DECEMBER 1980

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SPRINGFIELD WSO AP	MAX	55	46	35	45	56	70	60	58	36	32	38	56	39	42	38	36	40	40	26	16	23	35	41	33	16	26	32	41	35	37	38	39.4
	MIN	40	13	12	29	45	51	54	35	28	26	28	34	25	23	30	24	22	26	6	2	8	17	27	4	- 9	15	12	23	28	31	32	23.9
VIRDEN 1 N	MAX	59	55	37	41	54	70	64	61	38	33	41	59	50	44	39	37	40	42	35	18	25	36	41	27	18	31	33	41	37	35	36	41.2
	MIN	42	18	13	28	36	52	52	35	31	25	29	37	30	22	31	26	23	30	8	2	2	11	27	15	-10	15	14	23	31	25	31	24.3
WHITE HALL 1 E	MAX	60	58	37	42	58	71	64	64	36	34	44	59	52	48	40	38	44	41	36	17	24	36	42	37	16	32	32	43	41	38	40	42.7
	MIN	41	18	14	29	39	53	53	34	31	27	29	32	30	22	32	27	21	32	10	5	7	8	26	12	- 6	14	15	22	31	26	31	24.7
* * *																																	
EAST SOUTHEAST 07																																	
CASEY	MAX	56	57	35	41	54	66	62	59	42	33	48	56	46	46	41	37	37	45	37			35	42	37	17	27	30	41	36	35	37	42.6
	MIN	42	23	15	26	32	51	52	40	30	25	28	31	24	24	32	28	16	28	9	3	6	12	22	13	- 6	8	18	12	27	29	28	23.5
CHARLESTON	MAX	56	57	34	40	54	67	63	61	42	35	38	56	45	41	39	37	37	44	37	17	25	34	43	37	15	26	30	41	37	34	37	40.6
	MIN	46	23	16	30	39	53	54	41	35	26	29	33	29	24	32	28	17	31	11	4	9	15	30	15	- 5	10	22	18	30	30	30	26.0
EFFINGHAM 3 W	MAX	54	58	29	35	46	57	67	64	60	40	33	41	57	39	45	43	36	40	44	16	17	24	35	43	28	19	28	31	42	36	34	40.0
	MIN	31	28	18	19	33	46	52	51	38	25	27	30	35	22	24	28	16	17	14	4	4	8	13	27	- 6	- 6	19	14	14	29	30	22.7
FLORA 5 NW	MAX	59	59	38	42	60	67	66	62	43	37	41	60	48	52	48	40	41	43	38	19	25	38	46	37	18	32	32	45	37	36	40	43.5
	MIN	50	24	20	26	40	55	54	41	36	24	32	34	27	20	33	30	14	32	13	6	5	11	28	17	- 5	14	24	15	27	32	29	26.1
MATTOON	MAX	56	56	36	43	56	67	64	59	40	32	39	57	42	43	40	34	37	45	28	19	27	36	42	35	16	26	32	42	36	33	48	40.8
	MIN	44	20	15	26	41	51	53	38	27	25	27	33	23	22	30	22	16	25	5	2	7	10	31	2	- 5	13	17	11	29	29	28	23.1
MOWEAQUA	MAX	57	56	34	40	57	67	63	62	40	35	45	57	56	43	42	37	38	44	37	17	24	35	42	42	18	27	31	41	37	36	38	41.9
	MIN	42	22	18	30	37	52	55	39	34	28	29	36	31	25	24	29	20	30	10	5	8	12	29	18	- 7	10	22	18	19	31	31	25.4
NEWTON 6 SSE	MAX	58	58	30	36	48	57	67	63	60	42	34	40	57	41	48	44	37	39	43	19	19	27	37	44	28	20	30	33	45	37	34	41.1
	MIN	36	30	21	21	33	48	52	55	40	27	27	32	35	24	26	30	20	23	16	6	7	12	15	28	- 3	- 1	20	15	17	30	30	24.9
OLNEY 2 S	MAX	59	57	38	43	59	69	64	62	45	41	41	59	47	48	47	41	40	45	38	19	26	39	43	35	18	28	32	45	37	38	42	43.4
	MIN	46	26	21	28	42	51	56	44	36	27	32	35	31	23	32	31	18	31	13	7	8	18	30	18	- 1	12	26	10	29	32	30	27.2
PALESTINE	MAX	59	58	36	46	57	69	63	61	44	38	41	57	48	45	44	39	39	46	38	18	25	37	44	35	15	30	30	43	37	37	38	42.5
	MIN	49	26	19	26	45	54	54	44	37	28	32	35	29	26	35	32	19	32	13	5	5	16	32	14	- 3	8	20	14	31	32	30	27.1
PARIS WATERWORKS	MAX	56	56	36	40	56	66	62	59	42	36	37	55	44	41	40	35	37	44	33	18	22	34	42	37	15	26	30	42	38	35	35	40.3
	MIN	47	25	15	28	37	53	55	41	34	27	28	33	27	24	29	27	18	31	10	3	7	13	28	11	- 4	7	21	15	31	30	30	25.2
SALEM	MAX	60	58	44	42	59	66	65	60	42	36	43	60	45	50	46	41	42	43	38	19	26	39	46	35	19	33	32	46	36	40	42	43.6
	MIN	50	24	20	29	40	54	54	41	35	27	30	33	27	23	33	30	19	29	13	7	8	14	30	16	- 2	15	24	18	26	31	31	26.7
TUSCOLA	MAX	55	56	35	40	52	68	67	60	42	35	36	57	50	39	38	35	38	41	35	12	25	35	44	40	17	26	38	42	35	35	36	40.8
	MIN	38	22	15	26	34	49	54	40	33	21	27	32	30	23	30	28	17	27	9	2	8	14	25	15	6	8	26	23	33	30	32	25.1
VANDALIA 3 ENE	MAX	53	58	29	38	50	57	61	67	60	39	35	43	60	51	50	47	48	46	45	18	18	20	34	43	29	22	31	34	37	37	34	41.7
	MIN	42	28	19	21	35	48	52	53	38	26	26	31	34	28	23	25	12	29	15	5	8	11	13	29	1	1	21	24	24	30	33	25.3
WINDSOR	MAX	57	56	35	41	53	68	65	61	40	35	39	58	52	44	39	35	39	45	34	17	28	36	43	38	14	27	31	44	37	33	37	41.3
	MIN	43	20	17	31	36	52	54	40	35	26	29	34	27	24	33	29	17	29	3	4	6	6	29	14	- 5	12	20	21	29	29	30	25.0
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	60	59	40	50	54	65	66	61	45	39	45	58	50	52	49	46	43	54	45	20	29	39	47	43	23	35	38	48	44	46	55	46.7
	MIN	52	27	21	27	43	51	54	44	37	28	28	31	35	23	37	33	20	29	14	8	9	13	32	22	3	18	24	19	31	32	31	28.3
BELLEVILLE SO IL U	MAX	61	58	37	46	62	64	67	65	42	36	47	66	60	52	46	42	44	44	39	22	29	37	46	46	22	36	35	44	42	39	50	46.0
	MIN	51	24	17	29	44	53	53	41	35	27	30	32	31	21	38	30	17	27	15	7	6	15	28	21	8	18	26	20	28	28	30	27.4
CAHOKIA	MAX																																
	MIN																																
CAIRO WSO CI	MAX	63	61	43	54	63	70	68	62	44	41	45	59	50	50	51	44	44	55	39	22	30	40	47	41	24	36	39	49	46	45	57	47.8
	MIN	52	27	26	34	50	55	54	44	38	33	31	38	33	28	39	32	27	37	17	14	15	20	35	18	10	24	28	25	32	36	36	31.9
CARBONDALE SEWAGE PL	MAX	63	61	37	43	54	61	66	65	63	41	39	46	59	47	54	49	45	45	57	25	21	29	41	49	31	23	36	37	51	43	46	46.0
	MIN	37	35	22	23	36	51	53	56	39	26	26	30	37	17	20	31	17	17	21	9	7	10	17	29	3	3	21	14	15	27	32	25.2
CARLYLE RESERVOIR	MAX	58	59	28	38	52	61	66	67	62	39	37	45	61	41	52	46	40	43	42	19	25	25	38	46			34	33	45	37	40	44.1
	MIN	40	26	18	20	34	50	54	55	36	25	27	30	35	22	26	30	21	20	15	5	6	14	16	26			23	20	21	29	30	26.7
DU QUOIN 4 SE	MAX	60	58	40	52	59	65	65	62	46	36	45	58	45	50	49	43	43	51	31	31	27	39	47	36	21	36	37	46	47	41	50	45.7
	MIN	48	20	21	24	46	51	55	39	35	27	30	33	27	23	36	24	20	29	10	9	9	13	29	6	1	20	22	17	26	32	30	26.2
KASKASKIA R NAV LOCK	MAX	60	62	34	40	52	62	72	68	62	38	38	48	65	47	54	48	42	46	49	23	20	27	35	50	28	22	37	39	47	41	42	45.1
	MIN	39	31	19	21	38	46	52	56	37	29	29	30	35	26	28	27	24	25	20	6	7	12	15	25	0	1	21	20	20	29	28	25.7
MARION 4 NNE	MAX	64	61	37	45	53	63	68	66	62	42	38	45	59	47	48	48	45	45	56	25	21	28	42	48	31	23	36	31	50	42	46	45.6
	MIN	37	35	21	23	35	52	53	55	40	27	27	31	36	18	20	34	15	17	21	8	8	10	18	29	- 1	0	22	15	17	30	30	25.3
NASHVILLE 4 NE	MAX	60	58	37	45	59	64	66	60	42	36	44	58	51	49	45	40	42	45	35	17	26	38	46	40	18	33	34	44	41	39	45	43.8
	MIN	48	25	20	32	39	52	52	42	35	28	30	33	27	24	37	33	22	32	14	7	9	16	26	18	0	16	25	21	31	32	33	27.7
SPARTA	MAX	59	55	39	47	59	66	67	61	41	37	47	62	51	53	47	42	43	49	37	18	27	39	48	39	19	35	36	46	40	40	52	45.2
	MIN	49	25	19	29	46	52	55	41	36	27	30	35	34	24	39	33	20	34	14	8	9	15	29	17	1	18	26	21	31	30	32	28.4
WATERLOO	MAX	60	62	29	39	51	64	65	67	60	36	34	49	66	45	53	45	42	47	47	21	18	25	39	48	24	22	35	34	45	38	40	43.5
	MIN	46	25	17	21	38	50	52	57	34	27	30	33	39	25	30	29	20	26	16	5	8	13	20	23	- 2	1	22	23	27	30	30	26.3
* * *																																	
SOUTHEAST 09																																	
ALBION	MAX	61	60	39	44	59	68	66	63	46	39	42	58	55	49	48	45	42	50	45	19	27	40	45	42	20	34	33	43	41	37	44	45.3
	MIN	50	26	22	29	41	51	54	45	37	28	31	36	35	25	38	34	23	34	15	6	9	16	30	20	0	13	25	19	31	31	31	28.5
BROOKPORT DAM 52	MAX	63	62	42	56	63	67	67	63	50	41	45	59	53	51	51	48	43	54	52	23	30	42	47	41	25	36	37	45	47	42	54	48.4
	MIN	35	28	23	26	49	53	50	49	39	30	30	37	37	20	38	32	19	36	21	9	8	12	33	22	6	20	26	16	28	33	34	29.0
DIXON SPRINGS AGR C	MAX	63	62	42	52	62	68	67	65	47	39	45	58	57	50	48	47	43	54	52	20	29	41	46	44	24	33	35	50	47	44	54	46.0
	MIN	49	30	20	31	49	53	54	47	39	30	29	33	40	18	35	36	20	33	20	8	9	13	32	23	3	19	27	13	29	32	32	29.2
FAIRFIELD RADIO WFIW	MAX	59	59	37	43	59	67	67	62	44	37	42	59	53	50	47	44	40	51	42	19	28	38	46	38	20	33	34	45	38	37	43	44.5
	MIN	50	26	21	28	42	47	54	44	37	27	32	35	35	22	36	32	19	33	14	6	8	14	31	20	0	15	25	18	28	33	31	27.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HARRISBURG	MAX	62	62	42	51	63	71	67	65	46	39	45	59	52	52	49	44	44	55	45	20	28	41	47	42	25	35	35	48	48	41	51	47.5
	MIN	51	25	23	27	50	53	54	45	39	32	29	38	36	22	37	35	21	35	19	9	10	15	32	25	4	21	27	16	29	32	34	29.8
MC LEANSBORO 2 ENE	MAX	63	60	38	39	51	61	67	67	62	43	35	46	58	44	52	48	40	43	55	23	19	27	40	47	30	25	36	33	48	40	40	44.5
	MIN	36	36	21	23	29	48	52	55	40	28	29	30	36	23	26	34	19	19	19	8	8	12	18	30	2	4	15	16	18	31	32	25.7
MT CARMEL	MAX	62	60	43	38	51	57	67	64	62	44	35	42	58	45	48	46	38	40	51	22	20	27	38	45	34	23	32	32	45	39	35	43 3
	MIN	37	43	23	22	29	48	49	53	42	29	28	32	36	23	23	38	24	25	21	8	9	11	20	31	4	5	21	18	20	33	30	26 9
MT VERNON 3 NE	MAX	60	60	30	38	52	60	65	66	62	41	34	45	58	42	51	47	41	41	52	23	22	27	39	45	29	25	35	35	45	37	40	43.5
	MIN	26	28	19	24	34	50	52	54	39	24	29	28	27	20	27	32	15	22	19	6	5	5	17	28	- 1	4	21	13	20	25	31	24.0
RENO LAKE DAM	MAX	62	60	36	42	54	61	67	67	62	41	34	46	59	45	53	48	43	43	50	23	20	27	41	48			36	36	47	38	41	45.9
	MIN	38	28	22	23	36	51	55	57	40	27	28	32	36	23	23	36	22	22	20	9	9	13	19	29			24	19	23	32	33	28.6
ROSICLARE	MAX	63	62	42	55	64	70	69	65	49	40	45	59	54	50	49	44	43	55	52	20	28	42	46	42	23	34	44	47	45	40	55	48.3
	MIN	52	28	24	25	46	51	48	46	39	30	30	35	30	20	32	34	19	31	20	8	9	13	33	23	4	20	30	15	29	34	32	28.7

DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	(IN)																																	
	4	MAX	37	41	43	36	38	44	48	52	51	47	41	39	42	42	41	38	38	37	37	36	35	33	32	32	32	32	32	32	32	32	32	38.2
		MIN	37	36	36	35	34	38	43	48	47	41	38	37	39	39	38	37	35	33	33	33	33	32	30	30	30	30	30	31	31	30	31	35.3
	8	MAX	41	43	43	43	40	44	47	50	51	50	46	44	43	43	43	41	41	41	39	39	40	40	36	35	35	35	35	35	35	35	35	40.9
		MIN	40	40	43	40	40	40	43	47	50	44	44	43	43	42	41	41	41	39	39	39	38	36	35	35	35	35	35	35	35	35	35	39.6

SNOWFALL AND SNOW ON GROUND

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
DIXON 2 W	SNOWFALL		1.3																	.5					1.3							
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEPORT WASTE WTR PLT	SNOWFALL		3.0	T									T							.8				T	.8		T			.5		T
	SN ON GND		3	3	2	1														1	1	1	1	1	1	1	1	1	1	1	T	
GALENA	SNOWFALL		4.0			T														1.0				.1	.5			T				
	SN ON GND		4	3	2	1	T													1	1	T	T	T	1	1	T	T				
GALVA	SNOWFALL		1.0	.5						1.0										T					2.0	T						
	SN ON GND		1	1	1					1	1	1	1	T											2	1	1	1	1	1	1	1
MOLINE WSO AP	SNOWFALL	T	1.6							.4		T					T		T					1.9	.6		T		T	T		
	SN ON GND		1	1	1	T				T	T	T	T				T								2	2	2	2	1	1	T	T
	WTR EQUIV																								.2	.2	.2					
MORRISON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAW PAW	SNOWFALL		1.0								.5	T	T							1.0					2.0					1.0		
	SN ON GND		1	1	1						1	T	T							1	1	T			2	1	1	1	1	2	T	
ROCKFORD WSO AP	SNOWFALL	.9	1.9							T		.2					T		1.5				T	.5	.8	T	T		T	.9	T	T
	SN ON GND		2	3	2	1							T							1	1	1	T	T	1	1	1	1	T	1	1	T
	WTR EQUIV		.2	.2	.2																											
NORTHEAST 02																																
ANTIOCH 2 NW	SNOWFALL		3.6	1.6														.2		4.0					2.0	.1	.1	T		4.0		.6
	SN ON GND		2	4	4	2												T		4	4	3	2	1	3	3	3	3	3	6	4	4
CHICAGO O'HARE WSO AP	SNOWFALL		1.1							1.2	T	.2					.5	T	2.1				T	.3	1.9	T	.4	T		1.6	.2	.2
	SN ON GND		T	T	T						T	T	T					T		1	1	T	T	T	2	2	2	2	1	2	1	1
	WTR EQUIV																								.2	.2	.2			.8		
CHGO MIDWAY AP 3 SW	SNOWFALL		.9							.7	T	.1					T	T	.9					.7	2.2		.7		T	1.7	T	.3
	SN ON GND		1	T	T					T		T							1	T	T	T	T	1	2	2	2	2	1	3	2	2
	WTR EQUIV																															
DE KALB	SNOWFALL		3.3							.1		.2							1.3						2.1		.4			.9		
	SN ON GND		2	2	T							T							2	1	1	1	T	T	2	2	2	1	1	2	1	1
MORRIS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTAWA	SNOWFALL		.5																T						2.5							
	SN ON GND		1	1															T						3	3	2	2	1	T	T	
PARK FOREST	SNOWFALL		T								T								T						3.0		.5			2.0		
	SN ON GND																								3	3	3	2	2	3	3	3
WEST 03																																
CANTON 1 ESE	SNOWFALL																								2.0							
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LA HARPE	SNOWFALL									1.0															2.0							
	SN ON GND									T	T														2	2	2	1	1	T		
MONMOUTH	SNOWFALL		1.0							T															2.0							
	SN ON GND		T																						2	2	2	2	T	T		
QUINCY FAA AP	SNOWFALL		T							1.1														1.0	2.1		T					
	SN ON GND									T	T	T													2	2	1	1	1			
CENTRAL 04																																
DECATUR	SNOWFALL																								1.0	.5						
	SN ON GND	T																							1	2	2	1	T	T	T	
FARMER CITY	SNOWFALL									-	-														2.0	1.0						
	SN ON GND	2	T	T																					2	3	3	2	T	T	T	
LACON 2 E	SNOWFALL																								2.4							T
	SN ON GND																								2	2	2	2	T			T
LINCOLN	SNOWFALL		T							T															2.0							
	SN ON GND																								2	2	2	1				
NORMAL	SNOWFALL									.7															3.2					T		
	SN ON GND									T	T														3	3	3	2	2	2	T	T
PEORIA WSO AP	SNOWFALL		.2							.5	.2	.2			T				T					.1	2.1		T					
	SN ON GND		T	T	T					T	T	T	T												2	1	1	1	1	T	T	T
	WTR EQUIV																								.2							
EAST 05																																
DANVILLE	SNOWFALL																								1.2							
	SN ON GND																								1	1						
HOOPESTON 1 NE	SNOWFALL			T							.3	T	T			T				T					2.4	.2				.4		T
	SN ON GND	T																							2	2	2	2	2	1	1	1
KANKAKEE WTR POLL CTR	SNOWFALL		T	T							T														3.0			T		2.0	T	
	SN ON GND		T	T																					3	3	2	2	1	3	1	1
PIPER CITY 3 SE	SNOWFALL		T	.2							.5		T							T					2.0	1.0		T		.4		
	SN ON GND		T	T	T						T									T					2	3	3	3	2	2	2	1
PONTIAC	SNOWFALL		T	T							1.5	T									T				2.0	.2		T		T		
	SN ON GND		T	T							T	T													2	2	2	1	1	T	T	T
URBANA	SNOWFALL									T	T	T								T					1.3							
	SN ON GND	1																							1	1	1	1	1	T		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL		T							T															.6							
	SN ON GND																								1	1	T					
EDWARDSVILLE 1 NE	SNOWFALL																								.7	T						
	SN ON GND																								1	1	T	T	T	T		
GRIGGSVILLE	SNOWFALL										T														1.5							
	SN ON GND										T	T													2	2	2	1	T	T		
JACKSONVILLE 2 E	SNOWFALL																								1.0							
	SN ON GND																								1							
PANA	SNOWFALL										T	T													1.0	.2						
	SN ON GND	T																							1	1	1	1	1	T	T	T
SPRINGFIELD WSO AP	SNOWFALL		T							.4	T														1.7		T	T				
	SN ON GND			T						T															1	1	1	1	T			
	WTR EQUIV																															
WHITE HALL 1 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * EAST SOUTHEAST 07																																
NEWTON 6 SSE	SNOWFALL																								.5	.5				T		
	SN ON GND																								1	1	1	T	T			
OLNEY 2 S	SNOWFALL																								.5							
	SN ON GND																															
PARIS WATERWORKS	SNOWFALL															T				T					1.0			T		T		
	SN ON GND																								1	1	1	1	T	T	T	T
SALEM	SNOWFALL																								.5							
	SN ON GND																								1	T						
TUSCOLA	SNOWFALL																								2.0							
	SN ON GND																								2	2	2	1	T			
WINDSOR	SNOWFALL		T								T														1.0							
	SN ON GND																								1	1	T	T	T	T	T	
* * * SOUTHWEST 08																																
ANNA 1 E	SNOWFALL																								T							
	SN ON GND																															
CARBONDALE SEWAGE PL	SNOWFALL																								T	T						
	SN ON GND																								T	T						
NASHVILLE 4 NE	SNOWFALL																								T	T						
	SN ON GND																								T	T	T	T				
SPARTA	SNOWFALL																								.3							
	SN ON GND																								T	T						
* * * SOUTHEAST 09																																
ALBION	SNOWFALL																								.3							
	SN ON GND																															
BROOKPORT DAM 52	SNOWFALL																								-							
	SN ON GND																															
MC LEANSBORO 2 ENE	SNOWFALL																								T	T						
	SN ON GND																								T	T						
MT VERNON 3 NE	SNOWFALL																							T								
	SN ON GND																							T								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBION	0055	09	EDWARDS		38 23	88 03	530	6P	6P		H	G LEE PAINTER
ALEDO	0072	01	MERCER		41 13	90 45	720	6P	6P			GENE L BURGESS
ALEXIS 1 SW	0082	03	WARREN		41 04	90 34	673				C	ALEXIS MUN SERVICE
ALTON DAM 26	0137	06	MADISON		38 53	90 11	432	7A	7A			U S CORPS OF ENGINEERS
ANNA 1 E	0187	08	UNION		37 28	89 14	640	6P	6P		H	J BON HARTLINE
ANTIOCH 2 NW	0203	02	LAKE		42 30	88 08	752	7A	7A		H	THOMAS G ROBINSON JR
ARGONNE NATIONAL LAB	0237	02	DU PAGE		41 42	87 59	746				C	ARGONNE NATIONAL LAB
ASHLEY	0281	08	WASHINGTON		38 20	89 12	570				C	CHARLES H SCHUBACH
AUGUSTA	0330	03	HANCOCK		40 14	90 56	680				C	EDWARD L SCHUTTE
AURORA	0338	02	KANE		41 45	88 21	644	MID	7A		H	CITY OF AURORA WTR DEPT
AVON 5 NE	0356	03	FULTON		40 43	90 22	640		7A			JAMES R MITCHELL
BARRINGTON	0442	02	LAKE		42 10	88 09	800	8A	8A			FREDERICK WUJCIK
BEARDSTOWN	0492	06	CASS		40 01	90 26	450		7A			RADIO STATION WRMS
BELLEVILLE SO IL U	0510	08	ST CLAIR		38 30	89 51	450	4P	4P		C H	SIU BELLEVILLE RES CNTR
BELVIDERE	0583	02	BOONE		42 15	88 50	815				C	LEON R MOSS
BENTLEY 1 E	0598	03	HANCOCK		40 20	91 06	650		6P			HOWARD W COFFMAN
BENTON FOREST SERVICE	0608	09	FRANKLIN		38 02	88 55	445		8A			NORMAN D MELVIN
BLOOMINGTON WATERWORKS	0761	04	MC LEAN		40 30	89 01	775		7A			JOHN R HIRSCH
BLUFFS	0781	06	SCOTT		39 45	90 32	540		6P			MRS CLORA B NORTRUP
BRADFORD 1 W	0868	04	STARK		41 11	89 40	790		7A			BILL B BOMLENY
BROOKPORT DAM 52	0993	09	MASSAC		37 08	88 39	330	6P	6A		H	U S CORPS OF ENGINEERS
CAHOKIA	1160	08	ST CLAIR		38 34	90 13	400	8A	8A			CAHOKIA TREATMENT PLT
CAIRO WSO CI R	1166	08	ALEXANDER		37 00	89 10	314	MID	MID		C HJ	NATL WEATHER SERVICE
CANTON 1 ESE	1250	03	FULTON		40 33	90 01	628		6P		H	RAOIO STATION W8YS
CARBONDALE SEWAGE PL	1265	08	JACKSON		37 44	89 10	390	7A	7A		H	HUGH B 8OYO
CARLINVILLE	1280	06	MACOUPIN		39 17	89 52	625	6P	6P		H	DR JACK A CAMPBELL
CARLINVILLE 2	1284	06	MACOUPIN		39 17	89 53	621				C	WILLIAM J PRANGER
CARLYLE RESERVOIR	1290	08	CLINTON		38 38	89 20	501	8A	8A	8A	C	U S CORPS OF ENGINEERS
CARMI 6 NW	1296	09	WHITE		38 10	88 12	390		7A			HUBERT BOHLEBER
CASEY	1329	07	CLARK		39 18	87 59	630	6P	7A			JAMES E TOTTEN
CENTRALIA	1386	08	MARION		38 31	89 07	510		7A			JAMES E GLASGOW
CHANNAHON DRESDEN ISL	1420	02	GRUNDY		41 24	88 17	505		7A			U S CORPS OF ENGINEERS
CHARLESTON	1436	07	COLES		39 29	88 10	680	6P	7A			DALIAS A PRICE
CHENOA	1475	04	MC LEAN		40 44	88 44	710	6P	6P			JOSEPH W SOMMER
CHESTER	1491	08	RANOOLPH		37 54	89 50	460		7A			ROBERT W GARRIS
CHICAGO O'HARE WSO AP R	1549	02	COOK		41 59	87 54	674	MID	MID		C HJ	NATL WEATHER SERVICE
CHICAGO UNIVERSITY	1572	02	COOK		41 47	87 36	594	12M	12M		C	UNIVERSITY OF CHICAGO
CHGO MIDWAY AP 3 SW R	1577	02	COOK		41 44	87 46	620	MID	MIO		C HJ	FRANK M WACHOWSKI
CHILLICOTHE	1627	04	PEORIA		40 55	89 30	510		7A			DON H CONNER
CISNE 2 ESE	1664	09	WAYNE		38 31	88 24	454				C	WALTER L 8ARRETT
CLAY CITY 6 SSE	1700	07	CLAY		38 36	88 19	460		7A			HUGH G LYNN
CLINTON 1 SSW	1743	04	DE WITT		40 08	88 58	700		7A			MORRIS LOCKARD
COULTERVILLE 3 NW	1944	08	RANDOLPH		38 13	89 39	500		5P		C	L M D CAMPBELL INC
CRETE	2011	02	WILL		41 27	87 38	664				C	RON BREMER
DANVILLE	2140	05	VERMILION		40 08	87 39	558	5P	5P		C H	INTERSTATE WATER CO
DANVILLE SEWAGE PLANT	2145	05	VERMILION		40 06	87 36	527		7A			DANVILLE SEWAGE PLANT
DECATUR	2193	04	MACON		39 50	89 01	620	7P	7A		H	ROCK SPRINGS CENTER
DE KALB	2223	02	DE KALB		41 56	88 46	840	5P	5P		H	DR ALAN COLE
DIONA 3 SW	2332	07	CUMBERLAND		39 21	88 10	615		7A		C	ORRIS C GRISSOM
DIXON 2 W	2348	01	LEE		41 50	89 32	640	7A	7A		H	JEFFREY L STONER
DIXON SPRINGS AGR C	2353	09	POPE		37 26	88 40	540	4P	4P		C H	DIXON SPRGS AGRIC CNTR
DOWNS 2 NE	2417	04	MC LEAN		40 25	88 51	794				C	WILLIAM L OEVINE
DU QUOIN 4 SE	2483	08	PERRY		38 00	89 15	420	MID	MID			WILLIAM M TAYLOR
EDELSTEIN	2642	04	PEORIA		40 56	89 38	800				C	HAROLD O PRICE
EDWARDSVILLE 1 NE	2679	06	MAOISON		38 50	89 57	500		7A		H	MRS DEVERA M GEBHART
EFFINGHAM 3 W	2687	07	EFFINGHAM		39 08	88 37	601	7A	7A		C	WILLIAM H ROSSO
ELGIN	2736	02	KANE		42 02	88 20	880	7A	7A			ELGIN WATER DEPT
FAIRBURY WATERWORKS	2923	05	LIVINGSTON		40 44	88 31	690		7A		C	DEPT OF WATERWORKS
FAIRFIELD RADIO WFIW	2931	09	WAYNE		38 23	88 19	425	5P	5P			RADIO STATION WFIW
FARMER CITY	2993	04	DE WITT		40 15	88 39	730	7P	7A		C H	MRS NORAH YEAGLE
FLORA 5 NW	3109	07	CLAY		38 41	88 34	500	6P	6P		C	MR & MRS V ALLEN HALE
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON		42 18	89 36	750	7A	7A		C H	FREEPORT WASTE WTR PLT
FULTON DAM 13	3290	01	WHITESIDE		41 54	90 09	592	7A	7A		C	U S CORPS OF ENGINEERS
GALENA	3312	01	JO DAVIESS		42 25	90 26	800		8A		H	DIETRICH KROENECKE
GALESBURG	3320	03	KNOX		40 57	90 23	771	MID	7A			CITY WATERWORKS
GALVA	3335	01	HENRY		41 10	90 03	855	7A	7A		H	RAIMASON F SMITH
GEBHARD WOODS ST PARK	3369	02	GRUNDY		41 22	88 28	505	7A	7A			GEBHARD WOODS STATE PK
GENESEO	3384	01	HENRY		41 27	90 10	639	MID	MID			MUNICIPAL UTILITIES
GIBSON CITY 1 E	3413	05	FORD		40 28	88 22	655	7A	7A			MR & MRS ROBERT PROVIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GLAOSTONE DAM 18	3455	03	HENDERSON		40 53	91 02	538		7A			U S CORPS OF ENGINEERS
GOLOEN 1 NW	3530	03	AOAMS		40 07	91 02	725	6P	6P			ERNEST IHNEN
GRAFTON	3572	06	JERSEY		38 58	90 27	430		7A			WIL8UR O CHURCH
GRANO TOWER 2 N	3595	08	JACKSON		37 40	89 31	367		7A			JOHN W WILSON
GREENFIELD	3666	06	GREENE		39 21	90 13	560		7A		C	GERALO F REIO
GREENUP	3683	07	CUM8ERLAND		39 15	88 10	540		7A			OAVID L OWEN
GREENVILLE 1 E	3693	06	BONO		38 53	89 24	580		7A			HAROLO W OAVIS
GRIGGSVILLE	3717	06	PIKE		39 43	90 44	700	7P	7A		H	HOWARO E STAFFY
HARRIS8URG	3879	09	SALINE		37 45	88 33	380	6P	6P		H	LAWRENCE L PICHE
HARRIS8URG OISPOSAL PL	3884	09	SALINE		37 45	88 32	360		7A		C	OAVID L STILLEY
HAVANA 4 NNE	3940	04	MASON		40 21	90 01	460	7A	7A			TIMOTHY G OEST
HENNEPIN POWER PLANT	4013	01	PUTNAM		41 18	89 19	464	8A	8A	8A		HENNEPIN POWER PLANT
HILLS8ORO	4108	06	MONTGOMERY		39 09	89 29	630	6P	7A			F C-RO8ERT CLEARWATER
HOOPESTON 1 NE	4198	05	VERMILION		40 28	87 40	710	6P	7A		C H	JOHN F MUSHRUSH
HUTSONVILLE POWER PL	4317	07	CRAWFORO		39 08	87 40	455		6A		C	CENTRAL ILL PU8 SVC CO
ILLINOIS CITY OAM 16	4355	01	ROCK ISLAND		41 25	91 01	554		8A		C	U S CORPS OF ENGINEERS
JACKSONVILLE 2 E	4442	06	MORGAN		39 44	90 12	610	7A	7A		C H	JOHN C COE
JERSEYVILLE 2 SW	4489	06	JERSEY		39 06	90 21	630	8A	8A			JERSEYVILLE SWG PLANT
JOLIET 8RANOON RO DAM	4530	02	WILL		41 30	88 06	543	7A	7A			WAYNE A LIOGARO LOCK M
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE		41 08	87 53	642	7A	7A		C H	KANKAKEE WTR POLL CTR
KASKASKIA R NAV LOCK	4629	08	RANOOLPH		37 59	89 57	380	7A	7A		C	U S CORPS OF ENGINEERS
KEITHS8URG	4655	01	MERCER		41 06	90 57	550		7A			8EN G NYLIN
KEWANEE 1 E	4710	01	HENRY		41 15	89 54	780	9A	9A		C	KEWANEE SEWAGE PLANT
KINCAID	4739	06	CHRISTIAN		39 35	89 25	600		7A			RUOOLPH J KINK JR
LACON 2 E	4805	04	MARSHALL		41 01	89 21	614	5P	5P		H	MRS O 8 PACE JR
LA HARPE	4823	03	HANCOCK		40 35	90 58	700	7P	7A		H	JACK H SHARPE
LANARK	4879	01	CARROLL		42 06	89 50	870				C	8OYCE O HUMPHREYS
LAWRENCEVILLE	4957	07	LAWRENCE		38 44	87 41	442		7A			GEORGE O NUTTAL (OOUG)
LINCOLN	5079	04	LOGAN		40 09	89 22	590	6P	7A		H	VERNON P GEHL8ACH
MACKINAW	5272	04	TAZEWELL		40 32	89 22	670		6P			CARLIE H KULL
MACOM8	5280	03	MC OONOUGH		40 28	90 40	610		7A			MERIOETH SHYRACK
MARENGO	5326	02	MC HENRY		42 15	88 36	820	7A	7A			JEROME L HOCH
MARIETTA	5334	03	FULTON		40 30	90 23	640				C	TRUOY M ENGLISH
MARION 4 NNE	5342	08	WILLIAMSON		37 46	88 54	477	7A	7A			MRS MILOREO K MIGNONE
MAROA 1 W	5364	04	MACON		40 02	88 58	720				C	LLOYO J SIMPSON
MARSEILLES LOCK	5372	02	LA SALLE		41 20	88 45	486		7A			U S CORPS OF ENGINEERS
MASON CITY 1 NW	5413	04	MASON		40 13	89 43	585	6P	6P		C	JAMES M MC OONALO
MATTOON	5430	07	COLES		39 28	88 20	718	MIO	MID			OON E TUCKER
MC HENRY LOCK ANO DAM	5493	02	MC HENRY		42 17	88 14	742		7A		C	FRANK W NOVAK
MC LEANS8ORO 2 ENE	5515	09	HAMILTON		38 06	88 30	480	7A	7A		H	RICHARO G 8ROWN
MEOORA	5539	06	MACOUPIN		39 10	90 08	620		5P			MARCUS F OOOGE
MINONK	5712	04	WOOOFORO		40 54	89 03	750	7A	7A			INACTIVE 10/31/80
MOLINE WSO AP R	5751	01	ROCK ISLANO		41 27	90 30	582	MIO	MID		C HJ	NATL WEATHER SERVICE
MONMOUTH	5768	03	WARREN		40 55	90 38	770	6P	6P		H	MRS INEZ M FINLEY
MONTICELLO 2	5792	05	PIATT		40 02	88 36	620		7A			BERT STOOOARO
MORRIS	5820	02	GRUNOY		41 21	88 26	490		7A		H	LOUIS J KLUSAK JR
MORRISON	5833	01	WHITESIOE		41 49	89 58	603	7A	7A		H	GERALO L 8ROWN
MORRISONVILLE	5841	06	CHRISTIAN		39 25	89 28	630	7A	7A		C	MRS OOROTHY A 8ULLARO
MT CARMEL	5888	09	WA8ASH		38 24	87 45	420	7A	6A		C	MT CARMEL PU8LIC UTIL
MOUNT CARROLL	5901	01	CARROLL		42 05	89 59	700	8A	8A			RONALO H MORGAN
MOUNT OLIVE 1 E	5917	06	MACOUPIN		39 04	89 42	685		7A			HAROLO MAR8URGER
MOUNT PULASKI	5927	04	LOGAN		40 01	89 17	635		7A			OONALD D NEAVILLE
MOUNT STERLING	5935	03	8ROWN		39 59	90 46	720		5P			THOMAS J SCHNEIOER
MT VERNON 3 NE	5943	09	JEFFERSON		38 21	88 52	490	6P	7A		H	RO8ERT G MOORHOUS
MOWEAQUA	5950	07	SHEL8Y		39 38	89 02	615	6P	6P			MRS MARY A OOOLEY
MURPHYS8ORO 2 SW	5983	08	JACKSON		37 44	89 22	550				C	PARM E WILLIAMS
NASHVILLE 4 NE	6011	08	WASHINGTON		38 23	89 20	515	6P	7A		H	DOYLE F COHLMEYER
NEW 8OSTON DAM 17	6080	01	MERCER		41 11	91 03	548		7A			LOCKMASTER
NEWTON 6 SSE	6159	07	JASPER		38 55	88 07	510	7A	7A		C H	OEL8ERT E HEMRICH
NOKOMIS	6185	06	MONTGOMERY		39 18	89 16	680				C	CARL C KEELE
NORMAL	6200	04	MC LEAN		40 31	89 00	785	4P	4P		H	IL STATE UNIVERSITY
OLNEY 2 S	6446	07	RICHLANO		38 42	88 04	480	6P	6P		H	RADIO STATION WVLN
OREGON	6490	01	OGLE		42 00	89 20	690				C	CARNATION COMPANY
OTTAWA	6526	02	LA SALLE		41 21	88 51	480	5P	5P		H	RO8ERT J LITTLE
PALESTINE	6558	07	CRAWFORO		39 00	87 37	515	7P	7P			HORACE M GAOOIS
PANA	6579	06	CHRISTIAN		39 23	89 05	696	7P	7A		H	CEORIC E SCHUMACHER
PARIS 1 N	6605	07	EDGAR		39 38	87 42	730				C	EOGAR ELECT COOPERATIVE
PARIS WATERWORKS	6610	07	EOGAR		39 38	87 42	680	7P	7P		H	CITY OF PARIS
PARK FOREST	6616	02	COOK		41 30	87 41	710	8A	8A		H	PARK FOREST WATER OEPT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PAW PAW	6661	01	LEE		41 41	88 59	895	7A	7A		H	ROBERT G WARD
PAYSON	6670	03	ADAMS		39 49	91 15	730		8A			JOSEPH WASSON
PEORIA WSO AP R	6711	04	PEORIA		40 40	89 41	650	MID	MID		C HJ	NATL WEATHER SERVICE
PEOTONE	6725	02	WILL		41 20	87 48	722		7A			MRS NANCY L WELSH
PERU 2 W	6753	02	LA SALLE		41 20	89 09	615	5P	5P			WAYNE ELLBERG
PETERSBURG 3 SSW	6760	04	MENARD		39 58	89 52	600		7A			GEORGE H BECKER
PIPER CITY 3 SE	6819	05	FORD		40 48	88 08	690	6P	7A		C H	MRS DELLA MAE BORK
PITTSFIELD 2	6837	06	PIKE		39 37	90 48	670				C	CITY-PITTSFIELD SEW PLT
PONTIAC	6910	05	LIVINGSTON		40 53	88 38	650	5P	7A		H	BOARD OF WATER COMM
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH		38 05	90 07	385		7A		C	ARTHUR J BESSEN
PRINCEVILLE	7004	04	PEORIA		40 56	89 46	735	6P	6P			MS EVELYN M SNYDER
PROPHETSTOWN	7014	01	WHITESIDE		41 40	89 57	610				C	RICHARD O BRADLEY
QUINCY FAA AP	7072	03	ADAMS		39 56	91 12	763	MID	MID		H	FAA
QUINCY DAM 21	7077	03	ADAMS		39 54	91 26	483	7A	7A		C	U S CORPS OF ENGINEERS
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS		39 56	91 25	508		7A			VIRGIL C NIEWOHNER
RANTOUL	7150	05	CHAMPAIGN		40 19	88 10	740	7A	7A		C	RANTOUL LIGHT DEPT
RED BUD 5 SE	7157	08	RANDOLPH		38 10	89 56	428		7A			VERNON H LUCHT
REND LAKE DAM	7187	09	FRANKLIN		38 02	88 59	455	8A	8A		C	U S CORPS OF ENGINEERS
ROCHELLE	7354	01	OGLE		41 54	89 04	775	7A	7A			BOARD OF WATER COMM
ROCKFORD 6 ENE	7377	01	WINNEBAGO		42 18	88 59	880		8A			MRS HARRIET L REID
ROCKFORD WSO AP R	7382	01	WINNEBAGO		42 12	89 06	724	MID	MID		C HJ	NATL WEATHER SERVICE
ROSICLARE	7487	09	HARDIN		37 25	88 21	400	6P	6P			KENNIS H WALLACE
RUSHVILLE	7551	03	SCHUYLER		40 07	90 35	675	5P	5P			RICHARD H BOEHM
SAINTE MARIE	7603	07	JASPER		38 56	88 01	500		7A			JUDSON E CAMERON
SALEM	7636	07	MARION		38 38	88 57	550	6P	6P			CITY WATER DEPARTMENT
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN		37 43	88 11	400		7A			JAKE H STEWART
SHELBYVILLE DAM	7876	07	SHELBY		39 24	88 47	655				C	U S CORPS OF ENGINEERS
SIDELL	7952	05	VERMILION		39 55	87 49	685		7A			THELMA LANE
SMITHLAND L & D	8020	09	POPE		37 10	88 26	358		7A		C	U S CORPS OF ENGINEERS
SPARTA	8147	08	RANDOLPH		38 08	89 43	520	6P	6P		C H	GLENN I COFFEY
SPRINGFIELD WSO AP R	8179	06	SANGAMON		39 51	89 41	594	MID	MID	6P	C HJ	NATL WEATHER SERVICE
STOCKTON 1 N	8293	01	JO DAVIESS		42 21	90 00	955	8A	8A			PAUL A YOUNG WATER SUPT
STREATOR 3 SE	8353	02	LIVINGSTON		41 06	88 49	610		7A			ROLLA COLSON
SULLIVAN 3 SSW	8389	07	MOULTRIE		39 34	88 37	645				C	BRAD R WILLIAMS
TISKILWA 2 SE	8604	01	BUREAU		41 16	89 28	640	6P	6P			CHARLES GRIFFITH
TUSCOLA	8684	07	DOUGLAS		39 48	88 17	653	5P	5P		H	DE KALB AGRI ASSN
URBANA	8740	05	CHAMPAIGN		40 06	88 14	743	MID	MID	7A	CGH	BOARD OF WATER COMM
UTICA STARVED ROCK DAM	8756	02	LA SALLE		41 19	88 59	464		7A			U S CORPS OF ENGINEERS
VANDALIA 3 ENE	8781	07	FAYETTE		38 58	89 03	510	7A	7A		C	NEIL F CLARK
VIRDEN 1 N	8860	06	SANGAMON		39 31	89 46	675	6P	7A			WARREN G LAIR
VIRGINIA	8870	06	CASS		39 57	90 13	620		7A			A R (BOB) HARRISON
WALNUT	8916	01	BUREAU		41 34	89 35	760	6P	6P		H	INACTIVE 10/31/80
WASHINGTON 1 WSW	8990	04	TAZEWELL		40 42	89 25	730				C	AUGUST T ROSENBERG
WATERLOO	9002	08	MONROE		38 20	90 09	650	7A	7A			FRED H BUETTNER
WATERMAN 1 ESE	9010	02	DE KALB		41 46	88 45	790				C	DONALD J LEIVING SR
WATSEKA 2 NW	9021	05	IROQUOIS		40 47	87 46	620	7A	7A			RONALD M HUNT
WAUKEGAN	9029	02	LAKE		42 21	87 53	700	6A	6A			RADIO STATION WKRS
WAYNE CITY 1 N	9040	09	WAYNE		38 21	88 35	440		7A			ALLEN J SMITH
WENONA	9090	04	MARSHALL		41 04	89 04	685				C	WALTER J WENZLAFF
WEST SALEM	9193	09	EDWARDS		38 31	88 00	445				C	CITY OF WEST SALEM
WHEATON 3 SE	9221	02	DU PAGE		41 49	88 04	680	5P	7A			MORTON ARBORETUM
WHITE HALL 1 E	9241	06	GREENE		39 26	90 23	578	5P	5P		H	CITY OF WHITE HALL
WINDSOR	9354	07	SHELBY		39 26	88 36	685	6P	6P		H	ORRIS A SENG
YATES CITY	9816	03	KNOX		40 47	90 01	675				C	EDWARD A SCHAUB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

ILLINOIS

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
‡	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

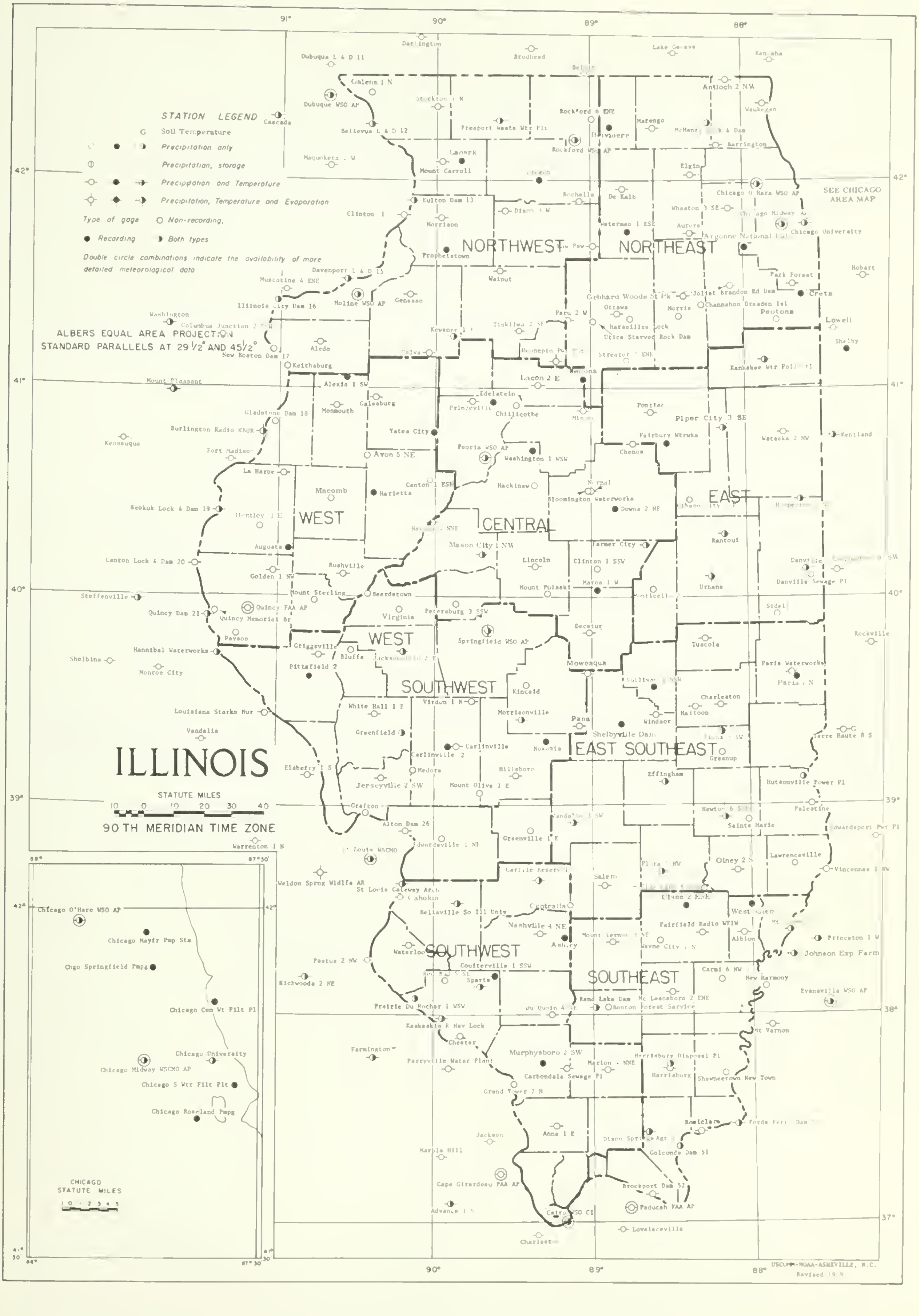
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1981-1240


ILLINOIS
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Galena 1 N
Dubuque WSO AP
Stockton 1 N
Beloit
Antioch 2 NW
Waukegan
Cascade
Rockford 6 ENE
Belvidere
Marengo
McHenry
Freeport Waste Wtr Plt
Bellevue L & D 12
Rockford WSO AP
Barrington
Maquoketa
Lanark
Mount Carroll
Elgin
Chicago O'Hare WSO AP
Rochelle
De Kalb
Fulton Dam 13
Dixon 3 W
Wheaton 3 SE
Chicago Midway AP
Clinton 1
Morrison
Waterman 1 ESE
Aurora
Chicago University
Argonne National Lab
Paw Paw
Prophetstown
Hobart
Davenport L & D 15
Muscatine 4 ENE
Walnut
Park Forest
Moline WSO AP
Geneseo
Gebhard Woods St Pk
Joliet Brandon Rd Dam
Crete
Illinois City Dam 16
Channahon Dresden Isl
Ottawa
Morris
Peotone
Washington
Paru 2 W
Marseilles Lock
Lowell
Columbus Junction 2
Utica Starved Rock Dam
Aledo
Kewanee 1 E
Tiskilwa 2 SE
Shelby
New Boston Dam 17
Galva
Hennepin
Streator 1 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Mount Pleasant
Alexis 1 SW
Lacon 2 E
Edelstein
Galesburg
Princeville
Chillicothe
Minonk
Pontiac
Monmouth
Piper City 3 SE
Gladstone Dam 18
Yates City
Kentland
Burlington Radio KBUR
Fairbury Wtrwks
Watseka 2 NW
Keosauqua
Chenoa
Peoria WSO AP
Fort Madison
Avon 5 NE
Washington 1 WSW
La Harpe
Canton 1 ESE
Hackinaw
Normal
Macomb
Marietta
Bloomington Waterworks
Keokuk Lock & Dam 19
Downs 2 NE
Bentley 1 E
Havana
Rantoul
Augusta
Mason City 1 NW
Farmer City
Canton Lock & Dam 20
Lincoln
Clinton 1 SSW
Danville
Rushville
Golden 1 NW
Urbana
Danville Sewage Pl
Mount Sterling
Beardstown
Mount Pulaski
Maroa 1 W
Monticello
Steffenville
Quincy FAA AP
Quincy Dam 21
Quincy Memorial Br
Virginia
Petersburg 3 SSW
Sidell
Decatur
Payson
Griggsville
Springfield WSO AP
Rockville
Hannibal Waterworks
Bluffs
Jacksonville 2 E
Tuscola
Moweaqua
Shelbina
Pittsfield 2
Paris Waterworks
Monroe City
Sullivan
Paris
Kincaid
Charleston
Louisiana Starks Nur
White Hall 1 E
Virden 1 N
Morrisonville
Mattoon
Windsor
Vandalia
Pana
Shelbyville Dam
Greenfield
Terre Haute 8 S
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Vandalia 3 SW
Newton 6 SSE
Palestine
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Greenville 1 E
Warrenton 1 N
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Flora 1 NW
Vincennes 1 NW
Carlyle Reservoir
Salem
Weldon Spring Wldlfe AR
St Louis Gateway Arch
Cahokia
Clay City
Cisne 2 ENE
Belleville So Ill Univ
Centralia
West Salem
Princeton 1 W
Nashville 4 NE
Fairfield Radio WFIW
Albion
Mount Vernon 1 NE
Johnson Exp Farm
Ashley
Wayne City
Waterloo
Pacific 2 NW
Carmi 6 NW
Red Bud
Coulterville 1 SSW
New Harmony
Sparta
Eichwoods 2 NE
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion
Harrisburg
Carbondale Sewage Pl
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam
Jackson
Anna 1 E
Dixon Springs Agr
Marble Hill
Golconda Dam 51
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Paducah FAA AP
Cairo WSO CI
Lovelaceville
Charleston
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 19
88°
87°30'
42°
41° 30'
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO
STATUTE MILES
1 0 1 2 3 4 5

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE

VOLUME 85 NUMBER 13

CLIMATOLOGICAL DATA

ANNUAL SUMMARY

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

CLEMSON UNIVERSITY LIBRARY
SEP [illegible] 1981
SCI., TECH. & AGR. DIV.

ILLINOIS

1980

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ILLINOIS
1980

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
NORTHWEST 01																										
ALEDO	23.6	.7	21.6	-5.5	35.0	-2.0	50.1	-1.5	M		70.6	-.7	78.1	3.2	76.4	3.1	67.1	1.9	50.7	-4.5	40.3	.6	28.2	.7	-	
DIXON 2 W	21.2	-.8	17.7	-8.2	31.0	-5.1	46.8	-3.7	61.0	.0	67.3M	-3.3	74.2	.0	72.7	-.1	63.4	-1.4	46.1	-8.2	37.1	-2.1	24.7	-1.8	46.9M	-2.9
FREEPORT WASTE WTR PLT	21.0		18.5		30.1		48.2		60.6		67.4		74.9		72.8		63.4		47.0		38.6		24.7		47.3	
FULTON DAM 13	22.7	.9	18.2	-7.4	30.9	-4.4	48.8	-1.3	62.2	.9	69.1	-1.5	76.1	1.6	75.0	2.1	65.3	.5	49.5	-5.2	39.9	.3	26.0	-.8	48.6	-1.2
GALVA	23.1	.0	19.1	-8.0	31.5	-5.4	48.2	-3.2	62.5	.8	69.3	-1.7	76.1	1.7	75.5	2.6	66.1	1.0	48.9	-6.2	39.1	-.7	26.5	-1.0	48.8	-1.7
GENESEO	23.6		20.4		33.8		49.6		63.1		69.7		77.8		76.2		66.3		49.4		39.9		27.7		49.8	
HENNEPIN POWER PLANT	23.9		20.7M		32.6M		48.5		62.0M		68.9		76.8		75.8		66.5		49.2		40.6		27.8		49.4M	
KEWANEE 1 E	22.8M	-.3	17.9	-9.1	32.1M	-4.8	48.1	-3.3	61.5	-.3	68.0	-3.2	74.6	-.2	74.5	1.4	65.2	.1	48.6	-6.2	39.0	-.5	26.8M	-.6	48.3M	-2.2
MOLINE WSO AP	23.4	1.9	19.2	-6.5	33.5	-2.2	49.1	-1.5	62.7	1.6	69.2	-1.6	77.6	3.1	75.8	2.9	65.7	1.1	49.6	-5.8	39.7	-.5	26.6	.0	49.3	-.5
MORRISON	22.1	.2	18.6	-7.8	31.3	-4.9	47.4	-3.4	61.1	.0	67.9	-2.6	75.1	.9	73.7	1.0	64.3	-.3	48.1	-6.4	38.9	-.5	26.1	-.6	47.9	-2.0
MOUNT CARROLL	19.9	-1.0	16.3	-8.7	29.4	-5.6	46.2M	-3.4	58.9M	-1.2	65.7	-3.6	73.2	.4	71.9	.5	61.9	-1.4	45.8	-7.4	35.6	-2.5	23.8	-1.7	45.7M	-3.0
PAW PAW	21.3		16.9		29.7M		45.7		59.9		66.5		72.9		72.2		64.1		47.1		37.5		25.0		46.6M	
ROCHELLE	21.4		17.8		30.0		46.3M		60.5M		65.2M		74.3M		72.5		63.3		46.7		37.7		25.1M		46.7M	
ROCKFORD WSO AP	19.3	-.9	17.1	-6.9	30.1	-4.0	46.4	-1.8	60.6	1.8	66.7	-2.1	75.4	2.6	73.7	2.2	64.2	.9	47.3	-5.4	38.2	.6	25.4	.5	47.0	-1.1
STOCKTON 1 N	19.4		16.8		28.3		46.1		59.5		65.9		73.5M		71.9		62.4		45.7		37.4		23.0		45.8M	
TISKILWA 2 SE	24.1		21.3M		34.8M		49.7M		M		69.1		77.0M		75.6M		65.8M		48.7M		41.2M		-		-	
WALNUT	23.2	.5	20.1	-6.6	33.8	-2.7	49.3	-1.6	63.3	1.5	69.4	-2.1	76.8	1.7	-		-		-		-		M		-	
DIVISION	22.1	.4	18.7	-7.0	31.6	-4.1	47.9	-2.3	61.3	.5	68.0	-2.3	75.6	1.6	74.1	1.7	64.7	.4	48.0	-6.1	38.8	-.1	25.8	-.5	48.1	-1.4
NORTHEAST 02																										
ANTIOCH 2 NW	20.7	-.8	19.0	-5.7	28.7	-5.5	44.8	-2.9	57.8	.1	63.6	-4.1	71.6	-.6	71.1	.0	62.1	-1.3	46.3	-6.9	38.2	-.1	24.3	-1.5	45.7	-2.4
AURORA	M		M		M		M		61.1	2.0	67.4	-1.7	75.2M	2.3	73.5	1.9	-		48.2	-5.2	39.6	1.0	27.4	1.1	-	
BARRINGTON	21.7		19.4		30.6M		45.6		58.9M		65.5		73.7		72.3		63.4		46.5		38.0		24.2M		46.7M	
CHICAGO O'HARE WSO AP	23.4	.5	21.5	-4.6	32.6	-3.1	46.5	-2.3	59.7	1.3	65.3	-2.8	75.7	3.8	75.7	4.6	66.0	2.3	48.4	-5.4	39.9	.7	28.0	.9	48.6	-.3
CHICAGO UNIVERSITY	26.1	.7	26.7M	-1.5	35.5	-1.2	48.3	-.6	61.0	2.4	68.1	-.8	76.7	3.0	76.2	3.1	67.6	1.7	52.5	-3.5	43.5M	2.3	30.4	.9	51.1M	.6
CHGO MIDWAY AP 3 SW	23.6	-.7	21.0M	-6.4	34.4M	-2.4	47.0	-2.9	M		67.5	-3.0	76.4M	1.7	74.2M	.5	65.4	-.5	48.9	-6.5	41.0	.6	28.2	-.3	-	
DE KALB	22.1	1.2	19.9	-4.7	32.9	-1.6	48.1	-.5	62.3M	2.8	68.1	-1.4	76.2	3.1	73.4	1.8	65.5	1.9	49.8	-3.4	40.3	2.3	27.2	1.9	48.8M	.3
ELGIN	20.7		18.8		30.0		45.3		59.4M		64.9		73.1		71.9		62.2		46.3M		37.3		24.7		46.2M	
GEBHARD WOODS ST PARK	21.9M		19.7M		33.6M		48.7M		61.5M		68.5		77.3M		76.0M		65.1		47.9M		40.0M		27.3		49.0M	
JOLIET BRANDON RD DAM	22.6	-1.3	20.4	-6.9	31.9	-5.3	46.4	-4.1	61.1	.5	67.4	-3.2	74.7	.5	74.3	1.5	65.0	-.4	48.9	-6.1	40.1	-.3	27.8	-.2	48.4	-2.1
MARENGO	20.4	-.1	17.8	-6.3	29.4	-4.6	45.3	-2.8	59.5	.7	65.8	-2.8	73.7	1.0	71.3	.1	62.1	-1.2	46.2	-6.7	37.2	-.5	23.9	-1.1	46.1	-2.0
OTTAWA	25.4	.7	23.8M	-4.6	36.3M	-1.8	50.8	-1.1	65.2M	3.1	71.5M	-.4	79.2	3.7	78.9M	4.9	68.9M	2.6	51.0M	-5.0	43.4M	2.3	30.4	1.5	52.1M	.5
PARK FOREST	23.6		21.6		32.4		46.0		61.0		67.4		75.9		74.8		64.8		48.7		39.6		27.6		48.6	
PERU 2 W	24.3M	.2	21.2	-6.6	35.5	-1.9	50.2	-1.2	64.4	2.5	69.9	-2.0	78.1	2.7	77.3M	3.4	67.8	1.9	51.6M	-3.7	41.3	.9	30.1	1.8	51.0M	-.1
WAUKEGAN	21.1	-1.4	19.3	-6.3	29.0M	-5.5	43.5	-3.5	56.2	-.7	62.7	-4.4	71.1	-.8	71.7	.4	62.3	-1.4	46.6	-7.2	38.3	-1.0	25.0	-2.0	45.6M	-2.8
WHEATON 3 SE	23.2		22.9M		33.7M		47.8		60.8		67.5		76.6M		74.9M		65.9M		49.2M		40.7M		28.1		49.3M	
DIVISION	22.7	-.6	20.9	-5.7	32.4	-3.7	47.0	-2.4	60.7	1.0	66.9	-2.8	75.3	1.6	74.2	1.7	64.9	.0	48.6	-6.0	39.9	.2	27.2	-.3	48.4	-1.4
WEST 03																										
GALESBURG	24.0		21.1M		34.3		48.3		62.4		69.2		77.9		76.1		66.7		49.4		40.4		28.3		49.8M	
GOLDEN 1 NW	27.5		23.4		37.2		52.1		65.2		72.1		80.2		78.2		69.0		53.2		43.5		31.8		52.8	
LA HARPE	25.9	1.2	22.6M	-6.3	36.8	-1.7	51.1	-1.5	64.7	1.9	70.8M	-1.3	79.8	4.2	77.7	3.7	67.6	1.3	51.8	-4.5	42.5	1.4	30.3	1.1	51.8M	.0
MONMOUTH	25.4	1.6	22.5	-5.4	36.0	-1.6	50.9	-.9	63.9	1.8	70.2	-1.0	79.6	3.8	76.5	3.1	66.6	1.1	50.4	-5.1	41.3	1.1	29.0	.5	50.9	-.1
QUINCY FAA AP	27.6		23.9		38.0		53.0		65.6		73.0		83.5		79.7		70.4		50.9		41.8		30.7		53.2	
QUINCY DAM 21	27.7		22.0		34.8		50.7		63.4		71.4		79.9		77.8		66.9		51.0		41.2		29.3		51.3	
RUSHVILLE	27.3	1.1	23.3	-7.2	37.1	-2.5	51.4	-2.0	64.6	1.3	72.0	-.6	80.5	4.2	77.8	3.2	68.2	1.2	52.7	-3.9	42.8	.9	31.6M	1.4	52.4M	-.3
DIVISION	26.5	1.2	22.7	-6.9	36.3	-2.6	51.1	-1.8	64.3	1.3	71.2	-1.1	80.1	4.1	77.7	3.2	67.9	1.3	51.3	-5.2	41.9	.5	30.1	.5	51.8	-.4
CENTRAL 04																										
CHENOA	25.1		21.4		34.9		49.0		63.2		70.0M		77.8		76.0		67.6M		49.4M		41.0		29.6		50.4M	
DECATUR	27.4	-.6	23.1M	-8.6	37.0	-3.6	51.5	-2.4	64.8	.9	71.2	-1.9	80.6	4.1	78.2	3.2	69.3	1.2	52.2	-5.2	42.7	.0	32.6	1.2	52.6M	-.9
FARMER CITY	26.2		-		35.5		49.5		64.0M		70.1		79.8		77.3M		68.8		52.0		42.2		31.1		-	
HAVANA 4 NNE	-		21.2		35.0		49.4		63.5		70.8M		79.6		77.7		67.8		51.2M		41.3		29.4		-	
LACON 2 E	25.0		22.5		35.7		50.3		64.6		70.1		78.8		77.6		68.4		51.6		42.2		29.9		51.4	
LINCOLN	27.6	1.0	24.0	-6.5	37.1	-2.6	51.5	-1.8	65.1	1.5	71.5	-1.3	80.2	4.0	77.6	3.1	69.2	2.1	52.9	-3.3	43.0	1.1	32.1	1.8	52.7	.0
MASON CITY 1 NW	27.0		22.3		36.9		51.0		64.0		70.8		79.7		77.4		68.5M		52.0		42.4		31.8		52.0M	
MINONK	22.1M	-1.8	19.4M	-8.3	33.8M	-3.7	-		-		-		-		-		-		-		-		-		-	
NORMAL	26.2	.0	23.0	-7.0	36.7	-2.4	50.0	-2.9	64.3	1.2	71.2	-1.3	80.0	4.3	79.1	4.9	69.5	2.3	52.8	-4.1	42.9	1.1	31.1	1.2	52.2	-.3
PEORIA WSO AP	23.6	-.2	19.9	-7.8	35.6	-1.7	49.2	-2.1	63.0	1.5	69.3	-2.0	79.5	3.4	76.9	3.4	67.9	2.4	49.6	-5.4	40.7	.8	28.9	.9	50.3	-.5
PRINCEVILLE	24.2		21.2M		35.8M		50.0		63.4		69.6		77.8		75.8		66.4		49.6		40.7		28.3		50.2M	
DIVISION	25.4	-.3	21.8	-7.7	35.8	-3.1	50.1	-2.5	64.0	1.2	70.5	-1.7	79.2	3.7	77.4	3.4	68.3	1.7	51.3	-4.8	41.9	.6	30.5	1.0	51.4	-.7
EAST 05																										
DANVILLE	27.8	.2	23.5	-7.4	36.6	-3.3	50.0	-2.9	64.8	2.3	69.6	-2.3	79.6	4.5	77.6	4.3	68.6	2.1	52.2	-3.7	42.1	.1	32.0	1.0	52.0	-.5
GIBSON CITY 1 E	-		-		-		-		-		-		-		-		-		49.2		39.3		28.4		-	
HOOPESTON 1 NE	25.7	-.5	21.8	-7.7	35.2	-3.5	49.1	-2.8	64.1	2.0	69.1	-2.6	78.4	3.6	76.6	3.6	67.5	1.2	51.2	-4.4	41.5	.3	30.5	1.0	50.9	-.8
KANKAKEE WTR POLL CTR	24.3		20.8		33.0		47.1		61.5		68.6		76.6M		75.7		66.1		49.7		41.6		30.5M		49.6M	
PIPER CITY 3 SE	25.1	-.1	20.8	-7.7	35.1	-2.8	49.2	-2.0	63.8	2.4	69.9	-1.2	78.6	4.3	76.1	3.5	67.5	1.6	50.6	-4.8	40.4	-.2	29.1	.4	50.5	-.6
PONTIAC	24.9	-.5	21.8	-7.1	35.1	-3.3	49.7	-2.4	64.6	2.3	70.8	-.9	79.2	4.2	77.3	4.1	68.9	2.7	52.2	-3.8	42.7	1.5	30.1	.9	51.4	-.2
RANTOUL	25.3M		19.5M		32.3M		48.0		63.4M		69.6		77.9		77.0		66.4		50.0		41.1M		28.9M		50.0M	
URBANA	26.7	-.2	23.0	-7.3	35.9	-3.4	49.9	-2.5	64.5	1.9	69.4	-2.6	78.6	3.3	76.3	2.8	67.3	.5	50.8	-5.5	41.5	-.1	31.3	1.0	51.3	-1.0
WATSEKA 2 NW	24.5M		19.7		32.5		46.0		62.1		67.4M		76.5		75.9		66.3		49.6		39.6		28.6		49.1M	
DIVISION	25.5	-.5	21.4	-7.8	34.5	-4.1	48.6	-3.2	63.6	1.6	69.3	-2.3	78.2	3.4	76.6	3.6	67.7	1.2	50.6	-5.0	41.1	.0	29.9	.5	50.6	-1.0
WEST SOUTHWEST 06																										
ALTON DAM 26	29.7		25.5		38.3M		53.2		65.3		74.1M		82.8		81.0		70.1		53.5		42.9		32.4		54.1M	
CARLINVILLE	28.9	-.3	25.2	-7.7	38.2	-3.5	52.7	-2.1	65.2	1.1	73.3	.0	81.3	4.5	79.7	4.5	69.9	1.9	53.6	-4.0	43.5	.2	34.1	1.5	53.8	-.3
GRIGGSVILLE	27.5	.1	24.1	-7.7	37.8	-2.8	52.4	-2.0	65.1	.7	72.2	-1.1	81.6	4.6	79.4	4.0	69.0	1.0	53.4	-4.4	44.2	1.1	32.9	1.4	53.3	-.4
HILLSBORO	28.6M	-1.4	24.5M	-9.3	38.8M	-3.5	53.9	-1.2	66.3	2.0	75.1M	1.7	82.2	5.5	80.1	4.9	70.1	2.1	54.4	-3.3	43.8	-.1	34.4	1.1	54.4M	-.1
JACKSONVILLE 2 E	27.5	-.5	21.3	-10.8	34.5M	-6.5	49.9	-4.6	61.7	-2.4	69.3	-3.9	75.9	.7	76.3	1.6	67.1	-.4	51.3	-5.9	40.9	-2.2	30.9	-.7	50.6M	-3.0
JERSEYVILLE 2 SW	29.7M		23.1		36.6		51.2		62.2		71.9		79.7		78.5		69.5		51.9		41.4		32.1		52.2M	
MORRISONVILLE	28.1		21.2		35.5		50.0		62.7M		71.3		78.3		77.5		68.5		51.8		40.9M		30.8		51.4M	
PANA	28.5	-.4	24.2	-8.3	37.5	-3.9	51.7	-2.8	64.7	.5	71.4	-2.0	79.3	2.7	77.5	2.6	68.9	1.2	52.8	-4.4	43.0	.1	33.6	1.5	52.8	-1.1
SPRINGFIELD WSO AP	27.8	1.1	21.8	-8.6	37.1	-2.3	51.1	-2.0	64.6	1.2	72.0	-.9	81.4	5.3	79.3	4.9	68.7	1.5	52.8	-3.8	42.3	.4	31.7	1.2	52.6	-.1
VIRDEN 1 N	29.4		24.1		38.1		52.8		65.0		73.3M		80.7M		79.4M		69.7		54.1		42.8		32.8		53.5M	
WHITE HALL 1 E	28.7M	-.2	25.5M	-7.6	38.2M	-3.5	52.8	-2.3	65.6	1.2	73.9	.6	82.0	5.3	80.3	5.1	70.4	2.4	54.2	-3.7	43.8	.0	33.7	1.0	54.1M	-.1
DIVISION	28.6	-.2	23.7	-9.0	37.3	-4.1	52.0	-2.7	64.4	.1	72.5	-1.1	80.6	3.8	79.0	3.8	69.2	1.2	53.1	-4.5	42.7	-.6	32.7	.4	53.0	-1.1
EAST SOUTHEAST 07																										
CASEY	-		-		-		-		-		M		79.0		76.9		68.8		52.9		41.9		33.1M		-	
CHARLESTON	28.4	-.5	24.4	-8.0	37.7	-3.3	51.8	-2.5	64.5	.5	71.7	-1.4	80.2	3.8	78.2	3.1	69.5M	2.1	52.8	-4.7	42.1M	-1.0	33.3	1.4	52.9M	-.9

See Reference Notes Following Station Index

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
EFFINGHAM 3 W	28.7	- .7	21.5	-11.4	35.8	- 5.7	50.0	- 4.3	62.1	- 1.8	70.0	- 3.2	77.8	1.3	76.2	1.3	56.7	- 1.4	50.3	- 6.9	40.4	- 2.7	31.4	- 1.2	50.9	- 3.0
FLORA 5 NW	30.7M	- .8	25.2	- 9.6	39.3	- 4.1	52.0	- 4.1	64.7	- .6	72.7	- 1.4	81.4	4.2	80.5	5.0	71.7	2.7	54.7	- 3.4	43.8	- .9	34.8	.4	54.3M	- 1.0
MATTOON	27.6		23.3		36.6		50.1		64.8		71.3		79.1		77.8		69.5		51.7		41.3		32.0		52.0	
MOWEAQUA	28.8		23.5M		37.6		51.6		65.2		71.7		79.4		78.1		70.3		52.9M		43.7M		33.7		53.0M	
NEWTON 6 SSE	29.4		22.4		36.6		50.7		64.1		71.7		79.8		77.7		69.7		52.7		42.2		33.0		52.3	
OLNEY 2 S	30.8M	- 1.2	25.6	- 9.7	39.2	- 4.6	52.4	- 3.8	65.6	.4	73.5	- .6	80.5	3.2	79.8	4.0	71.9M	2.7	54.6	- 4.1	44.1	- 1.0	35.3	.6	54.4M	- 1.2
PALESTINE	30.5	- .4	25.4	- 8.9	38.9	- 3.9	52.4	- 3.3	65.4	.4	72.2	- 2.2	80.7	3.3	78.9	3.2	70.9	2.4	53.8	- 4.0	43.8	- .3	34.5	1.1	54.0	- 1.0
PARIS WATERWORKS	27.4	- 1.2	22.4	- 9.5	36.1	- 4.6	50.0	- 3.8	63.9	.2	70.7	- 2.3	79.2	3.0	77.5	2.9	69.7	1.5	52.8	- 4.2	42.1	- .5	32.5	1.2	52.0	- 1.5
SALEM	31.2		26.6		40.0M		53.5		66.3		74.6		82.0		80.3		71.9		55.1		44.0		35.2		55.1M	
TUSCOLA	27.9		23.3		37.2M		51.6		65.8		71.7		79.8		78.1		69.7		53.5M		41.8M		33.0		52.8M	
VANDALIA 3 ENE	-		-		-		-		-		-		80.8M		81.0		69.6		53.7		43.3M		33.5		-	
WINDSOR	28.6	.3	24.3	- 7.7	37.8	- 2.9	52.0	- 1.8	65.1	1.4	72.1	- .9	80.3	4.2	79.3	4.9	70.3	2.7	54.4	- 2.5	42.9	.2	33.2	1.6	53.4	.0
DIVISION	29.2	- .5	24.0	- 9.2	37.7	- 4.1	51.5	- 3.2	64.8	.6	72.0	- 1.5	79.9	3.3	78.6	3.6	69.8	1.8	53.3	- 4.1	42.7	- .7	33.5	1.1	53.1	- 1.1
• • •																										
SOUTHWEST 08																										
ANNA 1 E	34.2	.0	30.9M	- 6.7	42.0	- 3.5	55.7M	- 2.1	67.2M	.8	75.3	.5	82.8	5.0	82.4	5.8	74.0	4.2	56.0	- 3.7	46.1	- .5	37.5	.4	57.0M	.0
BELLEVILLE SO IL U	32.0		28.6		41.0		53.4		64.5		73.3M		81.6		80.7		71.5		56.0		45.4		36.7		55.4M	
CAHOKIA	31.2M		27.1M		42.6M		-		-		73.9M		84.0		80.9M		71.8		M		43.1		-		-	
CAIRO WSO CI	37.2	.9	33.9	- 5.8	44.9	- 2.9	58.5	- 1.8	69.5	.2	77.8	.1	85.8	5.1	83.1	3.9	74.6	2.6	58.7	- 3.0	48.3	.0	39.9	.8	59.4	.1
CARBONDALE SEWAGE PL	32.5M	- 1.5	27.5	-10.0	39.7	- 6.0	53.9	- 4.0	64.4	- 2.2	73.8	- 1.4	81.3	3.1	80.7	3.9	70.9	1.3	53.8	- 5.4	43.4	- 2.8	35.6	- 1.2	54.8M	- 2.2
CARLYLE RESERVOIR	30.9M	.0	25.1M	- 9.6	38.4M	- 4.7	52.7	- 3.2	64.7	- .8	74.6	- .1	81.9	4.2	81.1	4.9	70.5	1.6	53.9M	- 4.5	43.7	- .8	35.4M	1.2	54.4M	- 1.0
DU QUOIN 4 SE	31.9	- 1.5	27.5	- 9.5	40.5	- 4.6	53.5	- 4.0	65.5	- .8	74.2	- .8	82.1	4.0	80.6	4.0	70.3	.6	54.2	- 4.9	43.8	- 2.2	36.0	- .2	55.0	- 1.7
KASKASKIA R NAV LOCK	32.0		27.4		38.7		53.3		64.9M		73.6		63.3		82.0		70.9M		55.0		45.0		35.4		55.1M	
MARION 4 NNE	32.6		27.4		39.4		53.5		64.0		73.2		81.7		81.3		71.3		M		44.4M		35.5		-	
NASHVILLE 4 NE	32.0		27.2		40.6		53.9		66.2		75.0		83.6		82.3		72.2		55.8		45.1		35.8		55.8	
SPARTA	32.4	- .9	29.5	- 7.6	41.9	- 3.2	54.8	- 3.0	66.8	.3	76.0	.8	83.9	5.3	82.7	5.4	72.8	2.4	56.9	- 3.2	45.7	- .6	36.8	.5	56.7	.3
WATERLOO	31.5		27.5M		39.2M		54.2		65.3		74.8		82.8		81.5		72.2		55.2		44.7		34.9		55.3M	
DIVISION	32.5	- .8	28.3	- 8.7	40.7	- 4.3	54.3	- 3.3	65.7	- .7	74.6	- .5	62.9	4.7	81.6	4.8	71.9	2.1	55.6	- 3.9	44.9	- 1.2	36.3	.1	55.8	- 1.0
• • •																										
SOUTHEAST 09																										
ALBION	32.4M		28.4M		41.1		56.0M		68.7M		76.4		84.1M		83.3		74.8		57.6M		46.9M		36.9		57.2M	
BROOKPORT DAM 52	35.8		32.1		42.7		55.4		66.0		75.7M		82.7		81.8		74.1		57.1		46.0M		38.7		57.3M	
DIXON SPRINGS AGR C	35.0		31.6		43.2		56.2		65.6		74.9		82.2		82.6		73.5		56.5		46.4		38.6		57.2	
FAIRFIELD RADIO WFIW	31.4	- 1.3	26.6	- 9.3	40.2	- 4.1	53.4	- 3.3	65.9	.4	73.6	- .6	81.5	4.3	80.8	5.0	72.4	3.4	55.1	- 3.5	44.7	- .7	36.2	.8	55.2	- .7
HARRISBURG	34.4	- .5	30.2	- 7.9	42.8	- 3.6	55.4	- 3.2	67.2	- .1	76.0	.2	83.7	4.9	84.2M	6.8	73.7	3.5	57.8	- 1.8	46.5	- .4	38.7	1.4	57.6M	.0
MC LEANSBORO 2 ENE	32.2	- 1.4	26.3	-10.7	39.1	- 6.1	53.4	- 4.4	65.0	- 1.6	72.9	- 2.4	80.4	2.1	80.4	3.4	71.8	1.8	54.1	- 5.2	43.8	- 2.3	35.1	- 1.1	54.5	- 2.4
MT CARMEL	32.0		26.5		38.9		51.9		64.7		72.6		80.8		81.1		71.4		55.0		44.0		35.1		54.5	
MT VERNON 3 NE	32.4M	.3	26.7M	- 8.9	39.3	- 4.7	52.8	- 3.9	64.2M	- 1.6	73.1	- 1.6	80.4	2.4	80.6M	4.1	70.8	1.3	53.5	- 5.3	42.9M	- 2.2	33.8	- 1.2	54.2M	- 1.8
REND LAKE DAM	32.4M		27.9M		39.3		54.1M		65.9M		73.7		81.7		81.5		72.3		54.9		44.6		37.3M		55.5M	
ROSICLARE	33.9M		31.2		42.4		54.3		64.9		73.6		80.4		80.3		72.5		55.1		45.6		38.5		56.1M	
DIVISION	33.2	- .3	28.8	- 8.0	40.9	- 4.2	54.3	- 3.3	65.8	- .6	74.3	- .7	81.8	3.7	81.7	4.9	72.7	2.9	55.7	- 3.6	45.1	- .9	36.9	.7	55.9	- .8

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
NORTHWEST 01																										
ALEDO	1.00	-.52	1.17	-.07	1.64	-.89	1.95	-1.97	4.38	.61	5.07	.46	5.92	1.83	10.73	7.99	4.52	1.00	1.23	-1.82	.96	-.85	1.08	-.65	39.65	5.12
DIXON 2 W	.83	-.73	1.11	-.15	.97	-1.32	3.20	-.24	2.01	-1.68	3.51	-.69	4.01	.09	6.72	3.34	5.54	1.93	1.85	-.78	.52	-1.60	E 2.23	.41	E 32.50	-1.42
FREEPORT WASTE WTR PLT	1.37		.91		.67		2.92		2.16		5.11		2.51		8.21		6.49		1.29		.63		1.90		34.17	
FULTON DAM 13	1.17	-.29	1.13	.03	.62	-1.54	3.20	-.19	2.82	-.90	4.2[illegible]	-.17	2.73	-1.24	9.01	5.21	4.60	.86	1.30	-1.28	.65	-1.46	2.05	.37	33.54	-.60
GALENA	1.47	.03	1.21	.28	.91	-1.33	2.60	-.68	4.79	.84	5.0[illegible]	.54	1.65	-2.26	E 7.36	3.53	6.72	2.96	1.89	-.57	.95	-1.00	1.76	.08	E 36.37	2.42
GALVA	.70	-.88	1.94	.60	2.79	.20	3.23	-.68	3.35	-.70	6.2[illegible]	1.63	2.86	-1.14	10.46	7.28	4.27	.82	1.75	-1.30	.70	-1.24	3.40	1.71	41.74	6.30
GENESEO	E 1.07	-.48	1.28	.09	1.58	-.87	2.95	-.79	4.39	.55	4.5[illegible]	.05	4.98	.82	8.48	4.93	2.81	-.78	1.99	-.70	.66	-1.23	2.94	1.32	E 37.72	2.91
HENNEPIN POWER PLANT	1.73		1.07		E 1.80		3.70		1.57		3.57		1.73		7.82		4.37		2.17		.73		E 2.36		E 32.62	
ILLINOIS CITY DAM 16 //	1.25	-.20	1.23	.06	1.24	-1.09	1.78	-2.08	2.08	-1.54	4.5[illegible]	-.23	2.94	-.73	8.44	5.43	4.68	1.38	2.22	-.38	.45	-1.54	2.58	.86	33.48	-.06
KEITHSBURG	.97	-.49	1.34	.16	2.22	.06	E 1.73	-1.61	4.63	1.24	6.49	2.54	5.02	1.34	9.77	7.26	4.17	.89	1.57	-.98	.61	-.93	E 3.37	1.97	E 41.89	11.45
KEWANEE 1 E	.69	-1.19	1.33	-.06	1.93	-.63	3.03	-.98	2.88	-1.18	4.79	.31	4.48	.25	9.73	6.75	2.41	-.97	2.22	-.97	.66	-1.42	3.37	1.51	37.48	1.46
MOLINE WSO AP R	1.31	-.39	1.55	.26	1.74	-.83	2.34	-1.48	4.01	.09	4.97	.55	3.46	-1.12	9.09	5.72	2.94	-.90	1.63	-1.06	.70	-1.17	2.75	.98	36.49	.69
MORRISON	1.53	-.11	1.30	.02	.94	-1.58	3.03	-.71	2.97	-1.19	3.98	-.47	3.56	-.26	10.37	6.65	3.69	.01	.93	-1.55	.70	-1.38	2.24	.35	35.24	-.22
MOUNT CARROLL	1.45	-.20	1.15	.00	.82	-1.49	3.13	-.33	3.23	-.87	3.80	-.79	3.92	-.10	6.48	3.06	5.66	1.81	1.26	-1.13	.81	-1.39	1.91	.01	33.62	-1.41
NEW BOSTON DAM 17	.96	-.64	1.74	.59	1.76	-.72	1.68	-2.16	4.82	1.21	4.42	-.02	3.99	-.31	8.83	5.94	5.83	2.53	2.27	-.40	.51	-1.20	2.97	1.32	39.78	6.14
PAW PAW	.74	-1.02	1.05	-.36	1.13	-1.44	3.48	-.43	3.35	-.48	2.35	-1.82	5.53	1.38	8.58	5.29	6.08	2.76	2.94	-.03	.79	-1.36	2.45	.58	38.47	3.07
ROCHELLE	.75		1.00		.69		3.02		2.51		3.58		3.81		8.54		5.65		1.98		.41		2.25		34.19	
ROCKFORD 6 ENE	.73		E .76		.50		2.74		2.73		4.68		3.13		5.80		5.80		1.38		.64		2.27		E 31.1[illegible]	
ROCKFORD WSO AP //R	1.02	-.77	1.07	-.22	.97	-1.68	2.75	-1.10	2.37	-1.49	6.06	1.64	3.58	-.69	5.41	1.75	6.13	2.13	1.42	-1.43	.68	-1.69	2.71	1.00	34.17	-2.55
STOCKTON 1 N	1.48		.84		.61		2.86		3.51		6.35		2.38		8.76		6.65		1.77		1.0[illegible]		1.75		38.04	
TISKILWA 2 SE	.36	-1.29	1.58	.20	1.92	-.72	3.23	-.83	1.45	-2.50	5.13	1.13	2.11	-1.69	7.55	4.38	4.43	1.06	1.99	-.83	.61	-1.28	E 2.60	.86	E 32.9[illegible]	-1.51
WALNUT	.89	-.67	1.61	.39	1.44	-.98	4.59	.50	2.83	-1.00	2.74	-1.53	5.24	1.64	-		-		-		-		-		-	
DIVISION	1.06	-.57	1.24	.01	1.31	-1.12	3.0[illegible]	-.62	2.93	-.94	4.48	.11	3.69	-.44	8.50	5.15	4.77	1.09	1.73	-.97	.71	-1.38	2.37	.61	35.88	.93
NORTHEAST 02																										
ANTIOCH 2 NW	1.17	-.61	.90	-.36	.85	-1.63	3.6[illegible]	.30	1.80	-1.73	4.92	.92	5.98	2.19	5.35	2.32	6.44	3.21	1.63	-.69	.87	-1.38	2.77	.93	36.3[illegible]	3.47
AURORA	1.22	-.66	1.12	-.37	1.51	-.92	3.2[illegible]	-.18	2.70	-.87	3.20	-1.04	3.81	.03	7.8[illegible]	4.90	E 7.24	3.77	2.89	.25	.9[illegible]	-1.21	2.4[illegible]	.49	E 38.24	4.19
BARRINGTON	E .79		.79		E 1.42		3.6[illegible]		2.75		4.17		5.42		5.1[illegible]		5.82		2.29		.8[illegible]		2.33		E 35.45	
CHANNAHON DRESDEN ISL	.63	-1.28	2.19	.67	2.95	.24	2.81	-1.28	3.89	.23	5.25	1.46	1.85	-2.15	6.55	3.67	6.98	3.66	3.21	.73	1.12	-1.05	2.11	.01	39.54	4.91
CHICAGO O'HARE WSO AP R	1.04	-.66	1.24	-.06	1.96	-.56	3.41	.03	3.22	-.19	3.42	-.73	3.56	.10	8.54	5.81	5.65	2.64	2.09	-.23	1.10	-1.00	3.43	1.79	38.66	6.94
CHICAGO UNIVERSITY //	.98	-.87	1.41	-.15	2.61	-.06	2.7[illegible]	-.98	3.19	-.43	3.48	-.31	2.46	-1.11	8.68	5.55	5.44	2.51	2.48	-.07	1.30	-.84	3.25	1.25	38.06	4.49
CHGO MIDWAY AP 3 SW //R	E .76	-1.09	E 1.15	-.44	E .96	-1.77	2.93	-.82	E 6.99	3.58	3.57	-.38	4.36	.27	6.51	3.37	5.12	2.12	2.92	.30	1.28	-.92	2.97	.86	E 39.52	5.08
DE KALB	.84	-.96	.81	-.52	1.34	-1.17	3.85	.43	3.44	-.27	3.90	-.46	5.43	.92	8.20	5.00	8.56	5.01	2.20	-.65	.85	-1.57	1.76	-.12	41.18	5.64
ELGIN	.98	-.79	E .99	-.38	E 1.28	-1.42	E 3.19	-.51	3.02	-.55	3.35	-.93	4.04	.19	5.32	2.24	9.02	5.69	2.78	.27	.94	-1.36	2.24	.33	E 37.15	2.78
GEBHARD WOODS ST PARK	.59		E 1.95		E 2.43		2.06		4.35		4.04		1.69		6.43		7.10		2.54		1.03		2.37		E 36.58	
JOLIET BRANDON RD DAM	.45	-1.19	1.31	-.22	2.77	.15	2.40	-1.38	4.17	.48	3.22	-.61	3.82	-.10	6.81	3.67	7.86	4.40	3.79	1.10	1.00	-1.09	2.54	.59	40.14	5.80
MARENGO	E .73	-1.06	1.08	-.23	.48	-2.01	2.98	-.44	4.20	.80	6.21	2.06	4.54	.73	4.9[illegible]	1.76	7.88	4.50	1.78	-.69	.89	-1.36	3.17	1.26	E 38.93	5.32
MARSEILLES LOCK	.69	-1.02	1.42	.05	2.49	-.09	3.04	-.98	3.29	-.26	3.46	-.32	1.69	-2.05	6.8[illegible]	3.78	5.62	2.24	2.56	.03	1.05	-.87	2.56	.69	34.75	1.20
MC HENRY LOCK AND DAM	.72		.95		.78		3.61		2.09		5.3[illegible]		5.35		5.01		7.36		1.93		.87		2.56		36.59	
MORRIS	E .69		-		-		-		-		-		-		-		-		1.78		-		-		-	
OTTAWA	.62	-1.17	1.49	.04	2.42	-.29	3.04	-1.22	3.35	-.24	3.21	-.92	E 2.05	-1.98	5.73	2.63	5.14	1.77	2.16	-.25	.89	-1.04	2.22	.29	E 32.32	-2.38
PARK FOREST	E .51	-.86	E 1.62	-.02	2.88	.27	2.83	-1.40	3.35	-.67	3.85	-.34	1.74	-2.25	5.61	2.40	5.83	2.95	1.99	-.78	1.02	-1.15	2.6[illegible]	.66	E 34.31	-1.19
PEOTONE	E .47	-1.49	.81	-.83	3.34	.69	2.20	-1.98	4.02	.21	5.77	1.54	1.20	-2.72	5.67	2.57	6.47	3.45	2.02	-.74	1.12	-1.17	2.75	.61	E 35.84	.14
PERU 2 W	.51	-1.32	.51	-.92	E 2.36	-.38	3.07	-.86	2.97	-.74	3.37	-.31	1.92	-2.11	8.19	5.42	6.34	3.08	2.52	.02	.58	-1.32	2.53	.63	E 34.87	1.19
STREATOR 3 SE	.59	-1.08	1.95	.48	2.37	-.18	2.87	-1.36	3.18	-.63	5.34	1.22	2.03	-1.97	7.62	4.67	4.09	.66	2.44	.04	1.25	-.77	2.51	.51	36.24	1.59
UTICA STARVED ROCK DAM	.50	-1.16	1.52	.17	2.47	-.16	3.57	-.48	3.42	-.27	3.81	-.17	1.89	-2.09	6.00	3.18	6.23	2.80	1.92	-.58	1.09	-.97	2.54	.68	34.96	.95
WAUKEGAN	E 1.34	-.62	1.19	-.13	E .70	-1.86	E 3.53	.04	1.56	-1.84	3.77	-.23	5.28	1.95	5.21	2.32	5.92	2.78	1.72	-.65	E .63	-1.64	E 3.01	1.13	E 33.88	1.25
WHEATON 3 SE	.63	-1.31	.99	-.44	1.81	-.82	2.92	-.73	2.95	-.74	3.97	-.15	3.62	-.22	7.83	4.93	6.05	2.65	2.84	.23	1.14	-1.08	2.43	.36	37.08	2.68
DIVISION	.85	-.96	1.16	-.29	1.74	-.87	3.10	-.61	3.37	-.21	3.85	-.25	3.73	-.11	6.65	3.61	6.59	3.28	2.41	-.15	.96	-1.20	2.64	.71	37.05	2.95
WEST 03																										
AVON 5 NE	.4[illegible]		.51		2.11		2.21		1.14		8.9[illegible]		1.95		9.2[illegible]		4.98		1.3[illegible]		.5[illegible]		3.0[illegible]		36.48	
BENTLEY 1 E	.6[illegible]		.84		2.32		2.25		1.91		5.0[illegible]		2.16		8.45		6.40		1.4[illegible]		.62		3.63		35.80	
CANTON 1 ESE	.6[illegible]	-1.12	2.23	.79	4.94	2.08	2.88	-1.32	2.92	-1.27	9.4[illegible]	5.11	1.27	-2.45	E 7.35	3.95	5.05	1.59	2.4[illegible]	-.34	.35	-1.76	3.30	1.40	E 42.84	6.66
GALESBURG	.6[illegible]	-1.23	1.28	-.16	2.50	-.32	2.74	-1.18	2.66	-1.19	5.58	.76	1.88	-2.10	10.50	7.28	5.99	2.58	1.77	-1.20	.70	-1.26	3.71	1.95	39.91	3.93
GLADSTONE DAM 18	.84	-.78	.76	-.40	1.50	-.94	1.52	-2.25	5.39	1.71	7.9[illegible]	3.52	6.66	2.99	11.3[illegible]	7.84	7.26	3.60	1.6[illegible]	-1.35	.93	-.82	3.32	1.73	49.15	14.85
GOLDEN 1 NW	.70	-1.02	.28	-1.24	3.40	.58	2.00	-1.93	3.43	-.24	3.36	-1.15	2.90	-1.85	8.23	5.09	5.66	1.90	1.4[illegible]	-1.57	.76	-1.09	3.05	1.37	35.23	-1.15
LA HARPE	.77	-1.04	1.10	-.28	2.39	-.44	2.46	-1.50	2.29	-1.34	9.2[illegible]	4.16	2.06	-1.72	6.13	2.28	8.39	4.34	1.39	-1.80	.79	-.96	3.34	1.57	40.37	3.27
MACOMB	.65	-1.08	.81	-.57	1.95	-.81	2.15	-1.73	1.93	-2.11	8.4[illegible]	3.58	3.11	-.58	6.13	2.75	7.04	3.44	1.40	-1.48	.50	-1.39	2.82	1.15	36.95	1.17
MONMOUTH	.69	-1.22	1.21	-.32	2.56	-.14	2.54	-1.25	3.42	-.50	7.92	3.11	2.64	-1.43	7.81	4.60	6.41	2.72	1.51	-1.52	.68	-1.19	3.82	2.07	41.21	4.93
MOUNT STERLING	.95	-.76	.58	-1.01	3.98	.99	E 2.34	-2.18	4.60	.49	.9[illegible]	-3.78	4.13	-.43	4.78	1.62	E 4.96	1.39	2.15	-.97	E .73	-1.52	E 2.70	.80	E 32.83	-5.36
PAYSON	1.10		.79		4.02		2.05		3.82		2.43		2.83		6.77		5.28		1.75		.77		1.92		33.53	
QUINCY FAA AP	.89	-.72	.64	-.80	4.01	1.27	1.62	-2.26	3.91	-.16	2.88	-1.86	2.40	-2.02	4.93	1.45	5.46	1.47	1.52	-1.65	.74	-1.03	2.78	1.22	31.78	-5.09
QUINCY DAM 21 //	.87	-.80	.27	-1.18	4.10	1.51	2.03	-1.63	2.61	-1.06	3.48	-.99	2.85	-1.38	5.16	1.81	6.48	2.61	1.40	-1.50	.96	-.68	3.25	1.56	33.46	-1.73
QUINCY MEMORIAL BRIDGE	1.08	-.66	.77	-.71	4.73	2.02	1.98	-1.98	3.17	-.79	1.56	-3.02	2.64	-1.81	5.30	1.46	5.25	1.11	1.44	-1.58	.89	-.92	3.33	1.60	32.14	-5.28
RUSHVILLE	.93	-.79	.82	-.78	E 3.84	.88	3.04	-1.36	3.09	-1.10	3.57	-.98	2.30	-1.72	8.14	4.53	5.16	1.45	1.13	-1.87	.74	-1.45	2.63	.57	E 35.39	-2.62
DIVISION	.78	-.97	.80	-.67	3.26	.47	2.35	-1.68	3.06	-.92	5.15	.26	2.43	-1.66	7.27	3.80	6.22	2.38	1.45	-1.58	.77	-1.17	3.23	1.45	36.77	-.29
CENTRAL 04																										
BLOOMINGTON WATERWORKS	.29		1.30		3.62		2.18		3.44		6.26		1.20		5.30		5.20		1.77		1.28		2.53		34.3[illegible]	
BRADFORD 1 W	-		-		-		-		-		-		-		-		4.02		1.84		.59		2.70		-	
CHENOA	.57		1.39		3.71		1.50		3.09		7.3[illegible]		.80		5.61		3.63		1.66		1.08		E 1.82		E 32.21	
CHILLICOTHE	.51	-1.26	1.70	.29	2.71	.06	2.67	-1.37	2.98	-1.01	7.1[illegible]	2.70	1.45	-2.21	5.45	2.69	3.92	.22	1.85	-.63	.84	-1.36	2.22	.33	33.46	-1.55
CLINTON 1 SSW	.50	-1.46	1.17	-.68	4.59	1.70	2.21	-2.14	2.90	-1.49	4.34	-.46	.94	-2.80	6.00	2.66	3.80	.24	1.73	-1.39	.99	-1.63	2.09	-.03	31.26	-7.48
DECATUR	.67	-1.43	1.96	-.12	3.66	.55	2.34	-1.97	1.77	-2.56	2.38	-2.47	.46	-2.76	5.20	2.23	5.02	1.70	1.16	-1.92	1.15	-1.60	1.41	-.86	27.18	-11.21
FARMER CITY	.59		E 1.78		E 4.56		1.67		2.70		4.73		.59		5.25		3.46		1.76		.77		1.98		E 29.86	
HAVANA 4 NNE	E .65	-1.07	1.18	-.41	4.05	1.23	2.83	-1.17	2.29	-1.49	5.47	1.39	1.74	-2.06	6.69	3.49	6.26	2.82	2.86	-.02	.94	-1.23	2.88	.86	E 37.84	2.34
LACON 2 E	.71		1.74		2.72		3.48		3.08		6.52		1.70		8.05		4.36		2.20		1.11		2.25		37.92	
LINCOLN	.47	-1.49	.85	-1.01	4.25	1.40	2.09	-2.20	2.13	-1.84	4.60	-.12	1.86	-1.70	5.75	2.73	4.53	1.35	1.71	-1.15	.90	-1.35	2.31	.05	31.45	-5.33
MACKINAW	.72	-1.23	1.25	-.48	3.03	.23	3.83	-.52	3.47	-.35	7.96	3.31	1.89	-1.78	6.58	3.34	2.94	-.74	2.80	.10	1.20	-1.04	2.61	.43	38.28	1.27
MASON CITY 1 NW	.35		.71		3.22		2.88		2.12		5.1[illegible]		1.42		5.65		5.38		1.54		.77		2.19		31.33	
MINONK	E 1.33	-.41	-		E 3.60	1.08	-		-		-		-		-		-		-		-		-		-	
MOUNT PULASKI	.65	-1.24	.87	-.99	4.11	1.27	1.16	-3.02	2.50	-1.20	2.82	-1.83	1.21	-2.42	9.23	6.69	4.05	.82	2.40	-.45	.55	-1.79	2.69	.53	32.24	-3.63
NORMAL	.39	-1.67	1.0[illegible]	-.62	3.1[illegible]	.45	2.5[illegible]	-1.75	3.44	-.63	8.02	3.77	.80	-2.87	5.87	2.54	4.41	.95	1.69	-1.09	1.06	-1.29	1.64	-.56	34.06	-2.77
PEORIA WSO AP //R	.59	-1.23	1.0[illegible]	-.44	2.7[illegible]	-.01	2.78	-1.58	2.05	-1.82	8.94	5.03	1.43	-2.33	6.16	3.09	4.09	.54	2.44	-.07	.67	-1.35	2.25	.36	35.25	.19
PETERSBURG 3 SSW	.61		.81		3.6[illegible]		2.14		2.97		2.67		2.12		4.94		5.06		1.24		.74		2.79		29.73	
PRINCEVILLE	.68	-.82	1.08	-.14	2.04	-.50	3.30	-.53	2.81	-.96	3.20	-1.03	1.21	-2.48	6.56	3.77	4.25	.68	1.62	-.89	.72	-1.13	2.37	.80	29.84	-3.23
DIVISION	.64	-1.22	1.28	-.34	3.44	.69	2.54	-1.70	2.55	-1.42	5.63	1.35	1.20	-2.47	6.08	2.93	4.54	1.09	1.86	-.90	.92	-1.31	2.11	.04	32.79	-3.26

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY PRECIP	JANUARY DEPARTURE	FEBRUARY PRECIP	FEBRUARY DEPARTURE	MARCH PRECIP	MARCH DEPARTURE	APRIL PRECIP	APRIL DEPARTURE	MAY PRECIP	MAY DEPARTURE	JUNE PRECIP	JUNE DEPARTURE	JULY PRECIP	JULY DEPARTURE	AUGUST PRECIP	AUGUST DEPARTURE	SEPTEMBER PRECIP	SEPTEMBER DEPARTURE	OCTOBER PRECIP	OCTOBER DEPARTURE	NOVEMBER PRECIP	NOVEMBER DEPARTURE	DECEMBER PRECIP	DECEMBER DEPARTURE	ANNUAL PRECIP	ANNUAL DEPARTURE
• • • EAST 05																										
DANVILLE	.80	-1.35	2.23	.73	4.69	1.86	2.18	-1.76	1.72	-2.84	6.30	1.73	1.81	-2.38	4.08	1.00	3.47	.37	2.05	-1.08	1.40	-1.42	1.28	-1.05	32.01	-6.69
DANVILLE SEWAGE PLANT	1.35		2.58		4.17		2.41		1.68		4.41		2.81		3.79		E 3.41		2.24		1.47		1.16		E 31.48	
FAIRBURY WATERWORKS	-		-		-		-		-		-		.45		-		3.50		1.51		.74		-		-	
GIBSON CITY 1 E	.48	-1.53	1.27	-.50	4.24	1.41	1.56	-2.77	1.75	-2.46	6.75	2.89	2.15	-1.78	3.52	.45	3.98	.75	1.38	-1.54	1.10	-1.20	2.36	.16	30.54	-6.12
HOOPESTON 1 NE	.75	-1.28	1.40	-.47	4.59	1.70	1.67	-2.41	1.43	-2.69	6.94	2.56	1.30	-2.63	3.72	1.04	3.36	.00	1.34	-1.61	.67	-1.91	1.81	-.24	28.98	-7.90
KANKAKEE WTR POLL CTR	.40		1.01		2.47		2.15		3.35		5.76		2.14		6.67		4.38		1.70		1.35		2.24		33.62	
MONTICELLO 2	.74	-1.31	1.48	-.43	4.23	1.22	1.86	-2.53	3.27	-.78	3.95	-.69	1.94	-1.60	5.29	2.15	3.28	-.14	2.07	-.95	1.25	-1.31	1.72	-.46	31.08	-6.83
PIPER CITY 3 SE	.46	-1.36	1.17	-.43	2.86	.32	1.48	-2.74	2.92	-1.12	8.21	4.31	1.32	-2.35	3.90	.99	4.53	1.79	1.24	-1.44	1.12	-.87	1.73	-.13	30.94	-3.03
PONTIAC	.51	-1.17	1.20	-.23	3.49	1.17	2.21	-1.95	5.10	1.14	6.29	2.35	2.77	-1.46	4.79	2.06	4.08	.87	1.79	-.71	1.22	-.71	1.89	-.04	35.34	1.32
RANTOUL	.56	-1.51	2.87	1.07	4.73	1.96	2.09	-1.86	1.98	-1.85	7.70	3.58	1.16	-2.50	5.99	3.45	3.81	.70	1.28	-1.57	E 1.69	-.82	1.49	-.69	E 35.31	-.04
SIDELL	.61		2.64		2.75		2.10		2.20		2.46		2.71		2.66		2.96		1.48		.94		1.06		24.57	
URBANA	.78	-1.35	1.70	-.32	4.29	1.16	2.39	-1.67	3.76	-.39	4.62	.24	1.36	-2.53	4.26	1.29	3.34	.36	2.24	-.69	1.63	-.93	1.36	-.86	31.73	-5.69
WATSEKA 2 NW	.97	-1.03	1.74	-.06	4.81	1.93	2.67	-1.88	.86	-3.68	8.18	4.31	1.12	-3.49	2.72	-.14	6.12	3.29	1.81	-.96	1.29	-1.12	2.20	-.09	34.49	-2.92
DIVISION	.63	-1.22	1.62	-.14	4.0[illegible]	1.31	2.04	-2.09	2.54	-1.63	6.75	2.61	1.68	-2.33	4.41	1.51	4.12	1.10	1.65	-1.16	1.27	-1.07	1.82	-.27	32.55	-3.38
• • • WEST SOUTHWEST 06																										
ALTON DAM 26	.60		1.03		3.23		1.95		3.45		2.99		6.09		3.51		3.00		2.65		1.28		.49		30.27	
BEARDSTOWN	.66	-1.09	.68	-1.00	E 4.03	1.13	2.40	-1.83	4.30	.34	3.19	-1.35	4.18	-.08	5.17	2.09	6.43	2.91	3.73	.29	.57	-1.68	2.45	.49	E 37.39	.22
BLUFFS	.89	-.74	.96	-.72	4.47	1.51	E 2.31	-1.54	3.81	-.42	3.18	-1.48	6.40	2.49	6.66	3.65	4.85	1.16	2.76	-.43	E .95	-1.27	2.65	.70	E 39.89	2.94
CARLINVILLE	.84	-1.00	1.21	-.81	4.16	1.15	1.96	-2.20	3.31	-.98	3.19	-1.18	3.57	-.22	2.64	-.52	4.83	1.23	2.49	-.37	1.00	-1.58	.74	-1.24	29.94	-7.72
EDWARDSVILLE 1 NE	.67	-1.51	1.34	-.88	3.84	.41	1.88	-2.32	2.12	-2.66	3.59	-1.05	3.61	-.33	4.76	.91	3.08	-.35	2.45	-.61	1.10	-1.89	.55	-1.71	28.49	-11.99
GRAFTON	.53	-1.35	1.08	-1.03	3.55	.65	2.35	-1.45	2.27	-1.96	3.94	-.16	4.04	-.05	3.92	.50	3.12	-.11	3.06	.24	1.05	-1.64	.53	-1.48	29.34	-7.84
GREENFIELD	.71		1.04		3.60		2.79		2.70		1.50		1.28		2.77		4.19		2.53		.98		1.12		25.21	
GREENVILLE 1 E	.74	-1.42	1.44	-.80	3.68	.48	1.48	-2.51	4.09	-.50	2.71	-1.94	2.70	-.45	4.10	1.08	4.27	1.28	2.74	-.02	1.41	-1.62	.55	-1.78	29.91	-8.18
GRIGGSVILLE	.79	-.85	.80	-.80	4.50	1.68	2.10	-1.77	2.78	-1.61	2.57	-1.98	1.76	-2.48	5.58	2.79	4.87	1.23	3.27	.09	.68	-1.55	2.64	.74	32.34	-5.01
HILLSBORO	.81	-1.30	1.17	-1.04	3.88	.81	1.35	-2.77	2.14	-2.50	2.89	-1.77	4.10	.27	7.79	4.61	3.98	.74	2.35	-.65	1.19	-1.67	E .31	-2.07	E 31.96	-7.34
JACKSONVILLE 2 E	.66	-1.00	1.15	-.52	4.35	1.57	2.25	-1.78	3.21	-1.20	2.79	-1.59	5.24	1.32	6.34	3.11	6.38	2.67	1.54	-1.73	.38	-1.93	2.10	.26	36.39	-.82
JERSEYVILLE 2 SW	E .52		.87		4.23		1.80		2.56		2.57		2.87		2.11		2.97		2.76		.74		.49		E 24.49	
KINCAID	.77		1.28		3.89		1.49		2.79		4.41		2.68		3.19		3.97		1.68		1.03		1.17		28.35	
MEDORA	.92	-1.01	1.11	-.94	3.63	.47	2.13	-1.98	2.87	-1.49	2.59	-1.71	2.70	-1.18	3.09	-.26	4.67	1.00	3.02	-.16	.95	-1.85	.76	-1.33	28.44	-10.44
MORRISONVILLE	.81		1.34		E 3.91		1.96		4.34		3.05		2.68		3.45		3.91		1.66		.94		.68		E 28.73	
MOUNT OLIVE 1 E	1.18	-.87	1.45	-.74	4.05	.94	1.64	-2.42	3.74	-.53	2.65	-1.82	1.65	-1.66	3.32	.47	2.83	-.28	2.26	-.57	.98	-1.83	.58	-1.77	26.33	-11.08
PANA	1.08	-1.02	1.22	-.99	4.30	1.18	2.59	-1.32	4.11	-.26	1.75	-2.89	5.19	1.50	5.01	1.19	5.04	1.64	1.99	-.86	1.53	-1.35	.69	-1.70	34.50	-4.88
SPRINGFIELD WSO AP	R .72	-1.03	1.42	-.35	4.29	1.59	2.22	-1.92	2.22	-1.32	3.23	-.93	2.08	-1.73	3.91	1.17	4.95	1.68	1.47	-1.61	.57	-1.57	1.99	.07	29.07	-5.95
VIRDEN 1 N	.97	-.89	1.37	-.70	E 4.69	1.75	1.69	-2.29	2.08	-2.09	3.07	-1.21	2.78	-.98	3.78	.23	4.81	1.38	2.04	-.92	1.22	-1.29	1.15	-.83	E 29.65	-7.84
VIRGINIA	.84	-.86	.95	-.85	4.93	1.83	1.77	-2.36	4.31	.36	4.59	.05	4.01	-.07	4.81	1.52	5.63	2.12	2.25	-.79	.48	-1.87	2.38	.38	36.95	-.54
WHITE HALL 1 E	.62	-.89	.67	-.90	3.98	1.31	1.97	-1.77	2.09	-2.16	2.99	-1.52	1.76	-2.05	3.18	-.11	3.14	-.27	2.32	-.80	.53	-1.71	1.02	-.78	24.27	-11.65
DIVISION	.77	-1.06	1.11	-.81	4.14	1.23	1.99	-1.99	2.94	-1.33	2.83	-1.68	3.47	-.30	4.30	1.01	4.35	1.02	2.23	-.72	.91	-1.62	1.12	-.90	30.16	-7.15
• • • EAST SOUTHEAST 07																										
CASEY	-		-		-		-		-		-		5.41		6.29		4.48		1.48		1.73		.53		-	
CHARLESTON	1.15	-1.23	E 1.48	-.56	3.68	.47	2.00	-1.79	1.66	-2.51	4.30	-.30	3.07	-.57	4.03	1.16	4.36	1.27	1.83	-.84	1.63	-1.57	1.10	-1.13	E 30.29	-7.60
CLAY CITY 6 SSE	E 1.41		1.34		4.66		2.77		2.13		4.06		2.87		1.93		4.44		2.57		2.31		.61		E 31.00	
DIONA 3 SW	E 1.40		E 1.37		E 4.50		2.10		2.54		3.53		3.68		4.84		4.14		1.28		E .74		.54		E 30.66	
EFFINGHAM 3 W	.80	-1.51	1.47	-.72	4.40	1.12	1.97	-1.85	3.04	-1.38	5.29	.31	6.16	2.44	3.17	.41	6.17	2.95	2.12	-.75	1.58	-1.61	.49	-2.06	36.66	-2.65
FLORA 5 NW	1.05	-1.91	1.18	-1.49	5.14	1.39	2.98	-1.21	2.18	-2.76	3.03	-1.48	1.98	-1.48	2.21	-.73	3.55	.40	2.43	-.41	2.20	-1.02	.65	-2.42	28.58	-13.12
GREENUP	E 1.20		1.43		4.48		2.22		2.89		3.76		3.64		3.91		5.49		1.53		1.75		.91		E 33.21	
HUTSONVILLE POWER PL	1.33		1.09		4.82		2.71		1.90		5.04		2.86		3.79		5.10		2.25		1.12		.86		32.87	
LAWRENCEVILLE	1.62	-1.74	1.49	-1.30	5.39	1.38	3.17	-1.02	1.86	-2.79	7.17	2.54	1.83	-2.21	3.97	.79	3.77	.87	3.12	.35	2.09	-1.52	1.44	-1.66	36.92	-6.31
MATTOON	.77		1.28		4.13		2.00		1.88		4.55		2.76		4.09		4.15		1.92		1.24		.70		29.47	
MOWEAQUA	.57		E 2.18		2.92		2.29		3.87		4.30		4.37		3.79		3.94		1.97		1.26		E .82		E 32.28	
NEWTON 6 SSE	.94	-1.59	.96	-1.39	4.97	1.66	2.02	-1.95	2.81	-1.43	4.99	.72	3.24	-.45	5.30	2.35	6.33	3.35	2.22	-.51	1.87	-1.23	.64	-2.21	36.29	-2.68
OLNEY 2 S	1.65	-1.22	1.46	-1.19	5.44	1.58	2.81	-1.39	1.84	-2.81	6.61	2.11	2.22	-1.36	2.64	-.58	3.69	.91	3.03	.22	2.35	-1.14	.68	-2.34	34.42	-7.21
PALESTINE	E 1.30	-1.53	1.18	-1.40	4.71	.99	2.66	-1.46	2.19	-2.23	5.80	1.48	4.33	.51	4.79	1.68	4.36	1.17	3.16	.54	1.90	-1.47	.68	-2.34	E 37.06	-4.06
PARIS WATERWORKS	1.21	-1.40	1.20	-1.09	4.18	.92	2.90	-.84	1.84	-2.51	4.19	-.60	3.12	-.71	7.13	4.54	2.60	-.73	1.50	-1.20	1.43	-1.66	.76	-2.04	32.06	-7.32
SAINTE MARIE	1.43		.57		5.28		2.17		2.04		4.77		2.56		5.37		5.76		2.12		1.76		.85		34.70	
SALEM	.72		1.41		4.86		1.74		3.04		2.90		2.33		3.25		1.91		2.67		1.90		.81		27.54	
TUSCOLA	.86	-1.39	E 2.39	.33	3.60	.26	2.04	-1.93	2.29	-1.90	3.43	-.83	3.68	.21	6.26	3.16	4.69	1.50	2.03	-.78	1.34	-1.56	1.18	-1.20	E 33.79	-4.13
VANDALIA 3 ENE	-		-		-		-		-		-		-		1.84		4.32		2.09		1.16		.46		-	
WINDSOR	.9[illegible]	-1.49	1.39	-.94	4.51	1.25	3.14	-.89	2.17	-2.12	3.75	-1.25	2.88	-.63	4.80	1.67	4.61	1.26	2.20	-.71	1.40	-1.63	.64	-1.94	32.42	-7.42
DIVISION	1.0[illegible]	-1.55	1.47	-.89	4.38	.98	2.38	-1.62	2.40	-2.02	4.43	-.11	3.50	-.19	4.26	1.27	4.23	1.08	2.19	-.56	1.64	-1.52	.72	-1.97	32.60	-7.12
• • • SOUTHWEST 08																										
ANNA 1 E	1.8[illegible]	-1.91	1.64	-1.81	5.32	.43	3.18	-1.52	2.06	-3.28	2.85	-1.54	3.20	-.38	.52	-3.55	2.61	-1.00	3.77	.92	2.65	-1.11	.76	-2.93	30.42	-17.68
BELLEVILLE SO IL U	.55		1.04		4.10		1.97		2.77		1.84		2.34		1.38		4.50		2.43		E 1.39		.62		E 24.93	
CAHOKIA	E .76		E 1.10		E 2.60		-		-		-		-		3.82		6.43		2.43		E 1.46		-		-	
CAIRO WSO CI	R 2.09	-1.94	1.64	-2.13	4.61	-.13	2.56	-1.81	3.10	-2.08	5.56	1.17	2.52	-.72	2.57	-.93	2.35	-1.12	3.14	.46	2.25	-1.60	1.48	-2.46	33.83	-13.29
CARBONDALE SEWAGE PL	1.42	-1.86	1.38	-1.71	4.52	.13	2.21	-2.00	3.26	-1.32	5.04	1.03	3.71	.24	.85	-2.69	3.93	.47	3.55	.73	2.33	-1.15	.76	-2.39	32.96	-10.52
CARLYLE RESERVOIR	.53	-1.78	1.25	-1.16	E 4.43	1.03	1.90	-2.01	3.01	-1.25	2.72	-1.95	1.83	-1.67	4.23	1.11	3.65	.47	2.49	-.36	1.01	-2.04	.47	-2.02	E 27.52	-11.63
CENTRALIA	.99	-1.33	2.04	-.36	4.39	.95	2.37	-1.65	2.71	-1.95	2.55	-2.20	3.45	-.53	2.24	-1.04	4.51	1.19	2.55	-.12	2.62	-.54	.76	-1.88	31.18	-9.46
CHESTER	1.05	-1.73	1.81	-.88	4.00	.42	1.51	-2.69	2.24	-2.26	3.76	-.17	6.06	2.68	2.49	-.70	3.72	.36	2.79	.45	2.72	-.43	.89	-1.71	33.04	-6.66
COULTERVILLE 3 NW	-		-		-		-		-		-		-		-		-		-		-		-		-	
DU QUOIN 4 SE	.89	-2.03	1.79	-1.10	4.92	.84	1.66	-2.51	2.26	-1.88	2.63	-1.32	3.16	-.41	3.87	.41	4.60	1.45	2.86	-.04	E 2.56	-.83	.85	-2.10	E 32.05	-9.51
GRAND TOWER 2 N	1.49	-1.80	1.48	-1.59	5.06	.65	1.90	-2.66	3.60	-1.31	4.07	-.91	4.44	.54	.92	-2.96	3.73	.08	2.91	-.01	E 2.20	-1.27	.99	-2.15	E 32.79	-13.39
KASKASKIA R NAV LOCK	.67		1.31		3.54		1.44		2.03		2.96		3.72		6.46		2.82		2.79		1.93		.59		30.26	
MARION 4 NNE	1.38	-1.88	2.22	-1.01	4.50	-.06	2.30	-1.85	2.82	-1.40	4.13	.39	5.00	1.51	2.44	-1.11	3.48	.19	2.72	.13	2.47	-.87	.71	-2.37	34.17	-8.33
NASHVILLE 4 NE	.74	-1.67	1.40	-1.21	4.01	.42	1.46	-2.69	2.30	-2.19	1.67	-2.62	2.13	-1.24	2.46	-1.15	4.51	1.28	1.89	-.98	2.08	-1.08	.57	-2.14	25.22	-15.28
PRAIRIE DU ROCHER 1WSW	.49		1.09		3.64		1.58		3.38		3.56		2.84		6.72		4.91		2.57		2.37		.51		33.66	
RED BUD 5 SE	.68		1.42		4.78		1.41		3.72		3.28		3.58		5.98		3.66		2.32		1.60		.57		33.00	
SPARTA	.96	-1.43	1.63	-1.01	4.65	1.01	1.45	-2.66	2.67	-1.87	2.12	-1.87	3.03	-.63	4.54	.86	3.49	-.10	2.83	-.06	1.98	-1.19	.70	-1.87	30.05	-10.82
WATERLOO	.84	-1.37	1.49	-.78	4.46	1.29	2.07	-1.59	4.12	-.45	2.69	-1.41	3.57	.02	3.04	.03	3.80	.33	3.35	.52	1.82	-1.02	.89	-1.44	32.14	-5.90
DIVISION	1.05	-1.97	1.49	-1.45	4.31	.21	2.02	-2.17	2.76	-1.86	3.11	-1.21	3.11	-.47	3.02	-.63	3.85	.43	2.85	.00	1.99	-1.34	.7[illegible]	-2.28	30.32	-12.74
• • • SOUTHEAST 09																										
ALBION	1.09	-2.27	E 1.15	-1.84	5.96	1.57	2.66	-1.69	2.59	-2.17	2.94	-1.47	1.96	-1.79	2.05	-1.42	2.70	-.32	3.41	.72	E 3.00	-.61	.92	-2.48	E 30.43	-13.77
BENTON FOREST SERVICE	1.45	-1.65	1.44	-1.32	4.91	.90	2.14	-1.95	3.05	-1.13	2.21	-1.85	5.80	2.45	2.96	-.90	4.04	.75	2.59	-.42	3.10	-.01	.89	-2.14	34.58	-7.27
BROOKPORT DAM 52	1.89	-2.46	1.28	-2.48	4.93	-.23	3.72	-.63	1.92	-2.73	3.61	-.44	2.43	-1.19	1.22	-2.19	4.87	1.29	3.29	.75	3.12	-.66	1.71	-2.07	33.99	-13.04
CARMI 6 NW	1.42	-1.81	1.45	-1.65	4.80	.42	2.74	-1.31	3.78	-.55	3.06	-.60	5.88	2.4[illegible]	1.44	-1.89	2.35	-.55	3.54	1.02	2.05	-1.11	.92	-2.41	33.43	-7.94

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ILLINOIS
1980

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
DIXON SPRINGS AGR C	2.02		1.48		5.46		3.12		3.03		4.48		3.47		.53		4.38		2.73		2.56		1.13		34.39	
FAIRFIELD RADIO WFIW	1.50	- 1.60	1.43	- 1.40	6.19	2.16	3.11	- 1.08	3.13	- 1.80	3.90	- .45	2.40	- 1.76	2.36	- .84	4.08	1.04	3.67	.73	2.77	- .80	.79	- 2.24	35.33	- 8.04
GOLCONDA DAM 51	1.92	- 1.97	1.45	- 2.07	4.99	.00	3.57	- .58	2.19	- 2.36	5.28	1.22	4.40	.17	2.32	- .93	3.59	.54	-		-		-		-	
HARRISBURG	1.91	- 1.60	1.55	- 1.60	4.78	.06	2.69	- 1.59	2.26	- 2.56	3.32	- .59	3.69	.21	3.45	- .11	5.23	2.42	2.80	.08	2.97	- .45	.75	- 2.63	35.40	- 8.36
HARRISBURG DISPOSAL PL	1.87		1.33		4.72		2.31		2.82		3.20		3.07		2.62		5.91		3.18		2.30		.85		34.18	
MC LEANSBORO 2 ENE	2.03	- 1.08	1.60	- 1.29	5.45	1.36	2.61	- 1.55	3.43	- .90	2.80	- 1.21	5.08	1.28	3.10	- .31	2.78	- .55	3.06	.17	2.86	- .49	1.38	- 1.75	36.18	- 6.32
MT CARMEL	1.13		.79		5.00		2.02		2.72		5.46		3.64		3.07		3.45		3.31		1.89		.85		33.33	
MT VERNON 3 NE	1.39	- 1.36	1.39	- 1.19	5.03	1.22	2.40	- 1.97	3.70	- .66	2.26	- 1.90	3.55	- .34	2.73	- .80	2.95	- .58	3.44	.65	2.23	- 1.09	.70	- 2.25	31.77	-10.27
REND LAKE DAM	2.20		E 1.36		4.97		1.76		4.87		2.55		4.44		3.99		3.45		2.87		2.39		.90		E 35.75	
ROSICLARE	2.05	- 1.91	1.45	- 2.25	5.24	.12	3.41	- .95	2.86	- 1.76	5.40	1.21	4.11	.48	.99	- 2.85	3.59	.70	3.68	1.21	2.88	- .69	E 1.12	- 2.54	E 36.78	- 9.23
SHAWNEETOWN NEW TOWN	1.68	- 1.94	1.06	- 2.15	4.89	- .01	2.33	- 1.82	2.66	- 1.82	3.57	- .61	2.88	- 1.08	5.38	1.87	5.42	2.45	2.98	.48	2.85	- .54	.85	- 2.37	36.55	- 7.54
SMITHLAND L & D	-		-		-		-		-		-		-		-		-		-		-		1.79		-	
WAYNE CITY 1 N	1.14		1.33		3.6[illegible]		7.34		4.49		3.07		3.88		2.11		3.03		3.40		E 2.19		.65		E 31.32	
DIVISION	1.72	- 1.65	1.35	- 1.74	5.3[illegible]	.91	2.75	- 1.56	3.0[illegible]	- 1.63	3.67	- .57	3.48	- .35	2.35	- 1.01	3.75	.61	3.2[illegible]	.47	2.67	- .82	1.03	- 2.28	34.35	- 9.62

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
• • •																													
NORTHWEST 01																													
ALEDO	98	7-14	- 9	12-25	3-14	16	3-14	16	3-22	24	4-15	27	-		10- 5	28	10- 5	28	10-29	21	11-18	20	12- 2	12	263	249	221	173	-
DIXON 2 W	96	7- 8	-14	12-25+	3-14	16	3-15	20	3-25	23	4-17	26	5- 9	31	10- 4	29	10- 5	25	10-29	17	10-29	17	11-26	14	257	228	218	171	148
FREEPORT WASTE WTR PLT	97	7- 8	-10	2-17	3-14	12	3-15	19	3-26	24	4- 1	28	5- 9	31	10- 4	32	10- 5	27	10-29	20	10-29	20	12- 3	3	264	228	217	187	148
FULTON DAM 13	95	7- 8	- 7	2-17	3-12	12	3-15	19	3-23	21	3-27	28	4-17	32	10-13	32	10-29	26	11-16	23	11-26	19	12- 3	4	266	256	238	216	179
GALVA	97	7-21+	- 8	12-25	3-12	13	3-15	20	3-25	24	4-15	28	4-26	32	10- 5	32	10-28	28	10-29	22	11-25	19	12- 3	5	266	255	218	196	162
GENESEO	99	7- 7	- 6	12-25	3-11	14	3-14	18	3-25	24	3-25	24	4-16	30	10- 5	30	10-28	28	10-29	23	11-25	20	11-26	12	260	256	218	217	172
HENNEPIN POWER PLANT	99	7-21	-10	12-25	-		3-15	17	3-22	24	4-16	27	5- 9	29	10- 5	26	10- 5	26	10-29	22	11-16	20	11-26	15	-	246	221	172	149
KEWANEE 1 E	95	7-21+	- 6	12-26+	3-14	12	3-14	12	3-26	22	4-16	28	5- 9	29	10- 4	32	10- 5	25	10-29	23	11-16	20	11-26	13	257	247	217	172	148
MOLINE WSO AP	97	7-15+	-12	12-25	3-14	12	3-14	12	3-22	24	4-16	27	5- 9	31	10- 5	28	10- 5	28	10-29	22	11-16	19	11-25	16	256	247	221	172	149
MORRISON	95	7- 8	-10	12-25	3-12	13	3-15	20	3-26	21	4-16	27	5-10	32	10- 5	27	10- 5	27	10-29	20	10-29	20	11-26	16	259	228	217	172	148
MOUNT CARROLL	95	7- 8	-17	2-17	3-15	16	4-13	20	4-16	21	5- 9	25	5-14	29	10- 4	30	10- 5	22	10- 5	22	10-29	13	10-29	13	228	199	172	149	143
PAW PAW	95	7- 8	-10	12-25+	3- 7	11	3-15	18	4-10	23	5-10	26	5-10	26	10- 4	30	10- 5	28	10-29	24	11-17	20	11-21	16	259	247	202	148	147
ROCHELLE	98	7- 8	-11	12-25+	3-15	15	3-15	15	3-18	23	4-15	28	5- 9	30	10- 4	31	10- 6	25	10-29	18	10-29	18	12- 3	5	263	228	225	174	148
ROCKFORD WSO AP	99	7- 7	-12	2-12	3-14	15	3-18	20	4-16	23	4-16	23	5- 9	29	10- 4	31	10- 5	27	10-28	23	10-29	19	12- 2	6	263	225	195	172	148
STOCKTON 1 N	93	7-21+	- 9	12-25+	3-14	13	3-26	20	4-16	22	4-26	25	5- 9	29	10- 4	28	10- 4	28	10- 5	23	10-29	18	12- 2	16	263	217	172	161	148
TISKILWA 2 SE	96	7-20	- 9	12-25	3-11	13	3-14	18	3-25	24	4-11	28	5- 9	31	10- 4	27	10- 4	27	10-29	23	11-25	20	11-26	15	260	256	218	176	148
WALNUT	96	7-20	-10	12-25	3-11	11	3-15	17	3-25	24	4-13	28	5- 9	32	-		-		-		-		-		-	-	-	-	-
• • •																													
NORTHEAST 02																													
ANTIOCH 2 NW	96	7- 8	-10	12-26+	3-12	8	3-22	20	3-27	21	4-26	28	5-10	32	10- 5	28	10- 5	28	10-29	22	11-27	19	12- 3	4	266	250	216	162	148
AURORA	99	7- 7	- 9	2-17	3-11	11	3-14	19	3-18	24	4-16	27	5- 9	32	10- 5	27	10- 5	27	10-28	24	11-26	18	12- 2	11	266	257	224	172	149
BARRINGTON	98	7- 8	-10	12-26+	3-12	10	3-13	18	3-22	23	4-16	25	4-26	29	10- 5	26	10- 5	26	10-29	19	10-29	19	12- 3	5	266	230	221	172	162
CHICAGO O'HARE WSO AR	102	7- 7	- 8	12-25	3-11	13	3-12	19	4-16	24	4-17	28	4-26	30	10- 4	32	10- 5	28	10-30	24	11-26	17	12- 2	11	266	259	197	171	161
CHICAGO UNIVERSITY	100	7-21	- 2	12-25	3-11	13	3-12	18	3-12	18	3-18	28	4-24	31	10-29	29	11-19	28	12- 3	17	12- 3	17	12-19	2	283	266	266	246	188
CHGO MIDWAY AP 3 SW	99	7-21+	- 6	12-25	3-11	13	3-18	20	3-18	20	4-16	27	5-15	31	10- 5	31	10-26	28	10-29	22	11-26	18	12- 2	14	266	253	225	193	143
DE KALB	96	7- 7	- 8	12-25	3-11	10	3-14	19	3-25	24	4-16	28	5- 9	30	10- 4	32	10- 5	27	10-29	23	11-26	18	12- 3	7	267	257	218	172	148
ELGIN	96	7- 8	- 9	12-26	3-12	10	3-15	19	3-22	24	4-16	28	4-26	31	10- 5	30	10-25	26	10-29	22	11-26	18	12- 3	6	266	256	221	192	162
GEBHARD WOODS ST PARK	100	7-21	-11	12-25	3-12	15	3-12	15	-		3-25	28	5- 9	32	10- 5	27	10- 5	27	10-29	21	11-25	19	11-26	16	259	258	-	194	149
JOLIET BRANDON RD DAM	98	7-21+	- 8	2-17	3-12	12	3-15	19	3-18	24	4-16	27	4-26	31	10- 5	30	10-29	21	10-29	21	11-26	20	12- 3	10	266	256	225	196	162
MARENGO	98	7-13	-10	12-26+	3-12	9	3-15	18	4-16	24	4-26	28	5- 9	31	10- 4	31	10- 5	25	10-28	21	10-29	19	12- 3	2	266	228	195	162	148
OTTAWA	100	7-20	- 7	12-25	3-11	14	3-11	14	3-14	23	3-22	25	4-16	31	10- 5	28	10- 5	28	10-29	23	11-26	18	12- 3	10	267	260	229	197	172
PARK FOREST	99	7-21+	- 9	12-25	3-12	14	3-14	20	3-22	24	4-16	28	4-26	31	10- 4	32	10- 5	27	10-29	21	11-26	17	12- 3	10	266	257	221	172	161
PERU 2 W	99	7-20	-11	12-25	3-11	15	3-12	18	4-13	24	4-14	28	4-25	32	10- 4	32	10- 5	28	10-29	24	11-26	17	12- 3	9	267	259	199	174	162
WAUKEGAN	98	7- 8	- 7	12-26	3-12	11	3-27	20	3-27	20	4-17	25	5- 8	32	10- 5	32	10-14	28	10-29	23	11-27	19	12- 3	7	266	245	216	180	150
WHEATON 3 SE	99	7-20+	-13	12-25	3-11	10	3-22	20	4-16	24	4-26	27	5- 9	30	10- 5	27	10- 5	27	10-29	18	10-29	18	11-26	15	260	221	196	162	149
• • •																													
WEST 03																													
GALESBURG	99	7-20+	- 7	12-25	3-14	15	3-14	15	3-14	15	4-15	27	4-16	30	10- 5	32	10-28	27	10-29	21	11-25	18	12- 2	8	263	256	229	196	172
GOLDEN 1 NW	101	7-20+	-11	2- 1	3-15	14	3-15	14	3-15	14	3-22	28	4-15	29	10-12	29	10-26	25	10-29	21	11-25	17	12- 2	14	262	255	228	218	180
LA HARPE	100	7-20+	- 7	12-25	3-14	13	3-14	13	3-14	13	3-25	26	4-16	30	10-12	29	10-28	28	10-29	21	11-25	19	11-26	16	257	256	229	217	179
MONMOUTH	98	7-15+	- 8	12-25	3-11	15	3-14	18	3-14	18	3-25	25	4-16	31	10- 5	30	10-29	21	10-29	21	11-25	17	11-26	16	260	256	229	218	172
QUINCY FAA AR	105	7-20+	- 6	2- 1+	3- 5	14	3-14	20	3-14	20	3-14	20	3-22	32	10-12	31	10-26	26	10-29	23	11-25	18	12- 2	12	272	256	229	226	204
QUINCY DAM 21	104	7-31	- 8	12-26+	3-15	14	3-15	14	3-15	14	3-23	27	4-15	29	10-13	32	10-26	27	10-29	24	11-25	18	12- 2	15	262	255	228	217	181
RUSHVILLE	102	7-15	- 9	12-25+	3-14	12	3-14	12	3-14	12	3-25	28	4-15	29	10- 5	32	10-26	27	10-29	22	11-25	18	12- 2	16	263	256	229	215	173
• • •																													
CENTRAL 04																													
CHENOA	99	7-20	-11	12-25	3-11	15	3-11	15	3-14	21	4-14	28	4-26	31	10- 5	25	10- 5	25	10-29	24	11-26	15	11-26	15	260	260	229	174	162
DECATUR	104	7-19	-11	12-25	3- 6	11	3-11	18	3-22	23	4-16	27	5- 9	29	10- 5	26	10- 5	26	10-29	21	10-30	19	11-26	15	265	233	221	172	149
FARMER CITY	100	7-20+	- 9	12-25	3-11	12	3-11	12	3-11	12	3-22	26	4-16	32	10- 5	30	10-12	28	10-29	24	11-19	20	12- 3	13	267	253	232	204	172
HAVANA 4 NNE	103	7-20+	- 9	12-25	3-14	14	3-14	14	3-15	22	3-25	28	4-25	32	10- 5	26	10- 5	26	10-29	23	11-19	19	11-26	15	257	250	228	194	163
LACON 2 E	99	9- 9+	-10	12-25	3-11	14	3-14	19	3-25	22	4-16	28	4-26	32	10- 5	28	10- 5	28	10-29	22	11-26	15	11-26	15	260	257	218	172	162
LINCOLN	99	7-20+	- 7	12-25	3- 6	15	3-11	17	3-14	23	3-22	26	4-16	29	10- 5	31	10-29	25	11-19	20	11-19	20	12- 3	13	272	253	250	221	172
MASON CITY 1 NW	99	7-19+	-10	12-25	3- 6	16	3-11	18	3-11	18	3-22	27	4-25	32	10- 5	27	10- 5	27	11-19	19	11-19	19	12- 3	12	272	253	253	197	163
MINONK		-		-	3-10	16	3-13	20	3-13	20	-		-		-		-		-		-		-		-	-	-	-	-
NORMAL	100	7-20+	-12	12-25	3-11	16	3-11	16	3-14	23	4-16	27	4-16	27	10- 5	29	10-29	20	10-29	20	10-29	20	11-26	16	260	232	229	196	172
PEORIA WSO AR	99	7-14	-10	12-25	3-11	15	3-11	15	3-18	24	3-25	26	4-16	30	10- 5	31	10-28	27	10-29	23	11-19	20	11-26	16	260	253	225	217	172
PRINCEVILLE	100	7-20	-12	12-25	3-14	15	3-14	15	3-25	24	4-12	28	5- 9	30	10- 4	32	10- 5	24	10- 5	24	10-29	19	11-25	14	256	229	194	176	148
• • •																													
EAST 05																													
DANVILLE	102	7-15	- 8	12-25	3- 6	11	3-11	18	3-18	23	4- 5	28	4-25	29	10- 5	28	10- 5	28	10-29	21	10-30	19	11-26	16	265	233	225	183	163
GIBSON CITY 1 E		-	- 8	12-26+	-		-		-		-		-		10- 5	27	10- 5	27	10-30	22	11-19	18	11-26	15	-	-	-	-	-
HOOPESTON 1 NE	100	7-20+	- 8	12-25	3-11	16	3-11	16	3-14	22	3-22	26	4-26	32	10- 5	28	10- 5	28	10-29	24	11-26	20	12- 3	13	267	260	229	197	162
KANKAKEE WTR POLL CTR	101	7-21		-	3-12	15	3-14	20	3-15	24	3-26	28	4-17	32	10- 6	29	10-29	22	10-29	22	11-26	19	12- 3	12	266	257	228	217	172
PIPER CITY 3 SE	102	7-19+	-10	12-25	3- 6	13	3-14	20	3-14	20	3-22	27	4-26	30	10- 5	27	10- 5	27	10-29	24	11-11	20	11-26	15	265	242	229	197	162
PONTIAC	99	7-21+	- 7	12-25+	3-11	15	3-11	15	3-14	22	3-22	27	4-16	32	10- 5	30	10-29	25	11-19	24	11-26	17	12- 3	12	267	260	250	221	172
RANTOUL	101	7-21	-13	3- 2	3-13	15	3-13	15	3-15	23	3-22	26	4-16	32	10- 5	30	10-29	25	11-11	24	11-26	19	12- 3	12	265	258	241	221	172
URBANA	100	7-19	- 2	12-25	3- 6	15	3-11	17	3-11	17	3-18	28	4-15	31	10- 5	30	10-29	27	11-19	24	12- 2	19	12- 3	15	272	266	253	225	173
WATSEKA 2 NW	100	7-20	-13	3- 2	3-11	15	3-12	17	3-14	22	4-19	25	4-27	32	10- 4	32	10- 5	26	10-29	23	11-19	19	11-26	16	260	252	229	169	160
• • •																													
WEST SOUTHWEST 06																													
ALTON DAM 26	106	7- 2	- 2	12-25	3- 3	9	3- 6	19	3-15	24	3-15	24	4-15	32	10-26	29	10-29	26	11-25	21	12- 3	19	12-19	11	291	272	255	228	194
CARLINVILLE	103	7-19	- 7	12-25+	3- 6	15	3-14	20	3-14	20	4-16	28	4-25	30	10- 5	28	10- 5	28	10-29	24	11-19	19	12- 3	15	272	250	229	172	163
GRIGGSVILLE	103	7-19	- 6	2- 1	3- 6	15	3-14	18	3-14	18	3-25	28	4-15	31	10-25	32	10-26	28	11-25	18	11-25	18	12- 2	15	271	256	256	215	193
HILLSBORO	104	7-15	- 5	2- 1	3- 6	10	3-14	20	3-14	20	3-22	28	4-25	32	10- 5	29	10-26	28	10-30	20	10-30	20	12- 3	15	272	230	230	218	163
JACKSONVILLE 2 E	100	7-16+	- 8	2-10+	3-12	13	3-14	18	3-14	18	3-23	27	4-25	32	10- 5	29	10- 6	28	10-29	24	11-20	20	11-26	15	259	251	229	197	163

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
JERSEYVILLE 2 SW	104	7- 2	-12	2- 1	3-14	11	3-14	11	3-22	23	4- 5	28	5- 9	29	10- 5	27	10- 5	27	10-12	24	10-30	19	11-19	14	250	230	204	183	149
MORRISONVILLE	100	7-20	-16	2- 4	3- 6	16	3-14	18	3-14	18	3-23	27	5- 9	32	10- 5	25	10- 5	25	10-29	24	11-19	19	11-27	15	266	250	229	196	149
PANA	99	7-15	- 4	2- 1	3- 3	8	3-11	19	3-11	19	3-22	28	4-15	31	10-26	32	10-29	28	11-19	23	12- 3	19	12-19	10	291	267	253	221	194
SPRINGFIELD WSO AP	101	7-20+	-11	2- 1	3- 6	15	3-14	16	3-14	18	3-18	26	4-16	31	10- 5	31	10-29	25	11-18	23	11-19	19	11-26	15	265	250	249	225	172
VIRDEN 1 N	102	7-19	-10	12-25	3- 6	15	3-14	19	3-14	19	3-18	26	4-25	32	10- 5	28	10- 5	28	10-29	23	11-25	18	12- 3	13	272	256	229	201	163
WHITE HALL 1 E	104	7-19+	-10	2- 1	3-14	16	3-14	16	3-22	21	-		4-16	32	10-12	32	10-26	27	10-30	22	11-19	20	12- 3	14	264	250	222	-	179
* * *																													
EAST SOUTHEAST 07																													
CASEY	101	7-15	- 6	12-25	-		-		-		-		-		10- 5	28	10- 5	28	10-29	24	11-26	20	12- 3	15	-	-	-	-	-
CHARLESTON	101	7-15	- 5	12-25	3- 6	14	3-11	19	3-18	24	3-22	28	4-25	30	10- 5	29	10-29	25	10-30	21	11-26	20	12- 3	16	272	260	226	221	163
EFFINGHAM 3 W	98	7-20+	- 6	12-26+	3- 6	15	3-11	20	3-12	21	3-23	27	5- 9	32	10- 5	28	10- 5	28	10-30	20	10-30	20	12-17	16	286	233	232	196	149
FLORA 5 NW	104	7-31+	- 7	2- 4+	3- 6	16	3-11	19	3-22	24	3-22	24	5- 9	32	10- 5	28	10- 5	28	10-29	24	12- 3	20	12-17	14	286	267	221	197	149
MATTOON	101	7-15	- 5	12-25	3- 6	16	3-11	19	3-11	19	3-18	28	4-25	32	10- 5	28	10- 5	28	10-29	24	11-19	20	12- 3	15	272	253	232	201	163
MOWEAQUA	99	8- 9	- 7	12-25+	3- 3	9	3-11	19	3-14	23	3-23	27	4-16	31	10- 5	31	10-29	28	11-19	20	11-19	20	12-19	10	291	253	250	220	172
NEWTON 6 SSE	102	7-16	- 6	2- 5+	3- 4	12	3- 6	19	3-12	23	3-22	28	4-25	31	10- 5	30	10-13	28	10-30	23	12-17	20	12-19	16	290	286	232	205	163
OLNEY 2 S	99	8- 9+	- 8	2- 1	3- 3	1	3- 6	18	3-11	21	3-22	25	5- 9	32	10- 5	32	10-13	28	10-30	24	11-19	20	12-19	13	291	258	233	205	149
PALESTINE	101	7-15	- 4	2- 1	3- 3	4	3- 6	19	3-11	21	3-22	27	4-25	32	10- 5	31	10-29	25	10-30	24	12- 3	19	12-19	13	291	272	233	221	163
PARIS WATERWORKS	104	7-15	- 5	2- 1	3- 6	13	3-11	18	3-18	24	3-22	26	4-25	29	10- 5	30	10-30	24	10-30	24	11-26	19	12- 3	15	272	260	226	222	163
SALEM	104	7-15	- 5	2- 1	3- 3	8	3- 6	18	3-18	24	3-22	26	4-16	31	10-13	31	10-26	26	10-30	24	12- 3	20	12-19	13	291	272	226	218	180
TUSCOLA	101	7-20+	- 2	2- 1	3- 6	15	3-11	18	3-13	24	3-18	28	4-25	32	10- 5	29	10-13	28	10-30	24	11-19	19	12- 3	15	272	253	231	209	163
VANDALIA 3 ENE	104	7-20		-	-		-		-		-		-		10- 5	29	10-26	28	10-30	23	11-26	20	12-17	12	-	-	-	-	-
WINDSOR	102	8- 6+	- 5	12-25+	3- 6	15	3-11	19	3-11	19	3-22	28	4-14	32	10- 5	29	10-29	25	11-19	23	11-26	20	12-19	3	288	260	253	221	174
* * *																													
SOUTHWEST 08																													
ANNA 1 E	104	7-15	2	2- 1	3- 3	10	3- 3	10	3-11	22	3-14	27	4-14	32	10-26	28	10-26	28	11-20	22	12-17	20	12-19	14	291	289	254	226	195
BELLEVILLE SO IL U	105	7-16	- 4	2- 2	3- 6	16	3-14	18	3-14	18	3-26	28	5- 9	32	10-26	28	10-26	28	10-30	22	11-20	20	12-19	15	288	251	230	214	170
CAHOKIA	106	7-16		-	-		3-18	20	3-19	23	3-23	27	-		10- 6	31	10-30	22	10-30	22	11-27	20	-		-	254	225	221	-
CAIRO WSO CI	104	7-15+	10	12-25+	3- 2	14	3- 3	20	3- 3	20	3- 6	26	3-18	32	10-30	32	11-19	28	12-19	17	12-19	17	12-20	14	293	291	291	258	226
CARBONDALE SEWAGE PL	103	7-21	- 6	2- 2	3- 4	16	3- 6	19	3-22	24	3-27	28	5- 9	31	10- 5	28	10- 5	28	10-26	24	11-19	20	12-20	9	291	258	218	192	149
CARLYLE RESERVOIR	104	8-10+	- 4	2- 1	3- 4	12	3-11	20	3-14	23	3-14	23	4-15	32	10-25	31	10-26	26	11-25	22	12- 3	18	12-19	15	290	267	256	226	193
DU QUOIN 4 SE	106	7-31	- 2	2- 2	3- 3	12	3- 6	20	3-11	23	3-22	27	4-16	32	10- 5	29	10-13	28	10-30	23	12- 2	20	12-19	10	291	271	233	205	172
KASKASKIA R NAV LOCK	108	7-16	- 2	2- 2+	3- 3	2	3- 6	19	3-12	23	3-22	28	4-15	31	10-25	32	10-29	27	11-25	21	12- 3	19	12-20	6	292	272	258	221	193
MARION 4 NNE	104	8- 2	- 5	2- 2	3- 4	12	3- 7	20	3-18	23	3-23	26	4-16	32	10- 5	30	10-26	25	10-30	23	11-19	20	12-17	15	288	257	226	217	172
NASHVILLE 4 NE	106	7-15	- 2	2- 1	3- 3	10	3- 6	20	3-11	21	3-14	26	4-15	32	10-26	28	10-26	28	11-25	24	12- 3	20	12-19	14	291	272	259	226	194
SPARTA	108	7-31	- 1	2- 1	3- 3	14	3- 6	19	3-11	22	3-14	27	4-15	32	10- 5	32	10-26	27	11-25	22	12- 3	19	12-19	14	291	272	259	226	173
WATERLOO	105	9- 1+	- 2	12-25+	3- 3	10	3-11	20	3-14	21	3-18	28	4-15	32	10-12	32	10-26	25	11-19	23	11-25	18	12-19	16	291	259	250	222	180
* * *																													
SOUTHEAST 09																													
ALBION	105	7-20	- 1	2- 1	3- 3	10	3- 6	20	3-11	22	3-30	27	3-30	27	-		10-29	28	-		12-19	15	12-19	15	291	288	-	213	-
BROOKPORT DAM 52	103	7-16+	0	2- 2	3- 3	12	3- 6	19	3-11	23	3-22	26	4-16	31	10- 5	31	10-26	27	11-19	23	12-14	20	12-20	9	292	283	253	218	172
DIXON SPRINGS AGR C	100	8-10+	- 1	2- 2+	3- 3	7	3- 6	18	3-11	23	3-22	26	4-16	31	10- 5	30	10-26	25	10-30	23	11-19	20	12-20	8	292	258	233	218	172
FAIRFIELD RADIO WFIW	102	7-15	- 5	2- 2	3- 3	3	3- 6	17	3-11	21	3-22	25	4-25	32	10- 5	31	10-13	28	10-29	24	12-17	19	12-19	14	291	286	232	205	163
HARRISBURG	105	7-15	- 6	2- 2	3- 3	9	3- 6	20	3-11	23	3-22	27	4-16	32	10- 6	30	10-26	28	10-30	24	12-19	19	12-20	9	292	288	233	218	173
MC LEANSBORO 2 ENE	100	8- 1+	- 4	2- 2	3- 4	13	3- 6	20	3-11	21	3-18	28	5- 9	32	10- 6	32	10-26	28	11-19	23	12-17	19	12-20	8	291	286	253	222	150
MT CARMEL	102	8- 1	2	2- 2+	3- 4	14	3- 4	14	3-11	23	3-22	28	4-16	32	10-26	27	10-26	27	12- 3	23	12-20	8	12-20	8	291	291	267	218	193
MT VERNON 3 NE	103	7-16	- 5	2- 2	3- 3	3	3- 4	18	3-17	24	4-15	27	5- 9	31	10- 5	29	10- 6	27	10-26	23	10-30	20	12-17	15	289	240	223	174	149
RENO LAKE DAM	104	8- 1+	- 2	2- 2+	3- 3	10	3-12	20	3-12	20	3-18	27	4- 1	32	10- 6	31	10-26	28	11-19	24	12-19	20	12-20	9	292	282	252	222	188
ROSICLARE	97	8- 9+	2	2- 2+	3- 3	7	3- 6	19	3-11	23	3-18	26	4-16	31	10- 5	31	10-26	28	11-19	23	12-14	20	12-20	8	292	283	253	222	172
* * *																													
STATE EXTREMES																													
KASKASKIA R NAV LOCK		108	7-16																										
SPARTA			7-31																										
MOUNT CARROLL				-17	2-17																								

See Reference Notes Following Station Index

SOIL TEMPERATURES

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
URBANA	(IN)																											
	4		34.1	40 29	30.0	37 26	36.2	48 29	50.1	66 38	63.1	79 49	72.4	84 62	80.2	91 70	78.2	91 70	70.6	80 60	55.7	68 39	43.5	53 35	36.8	52 30	54.2	91 26
	8		37.3	41 30	33.2	35 32	38.3	46 33	51.1	62 44	62.6	74 53	72.0	79 67	78.9	84 74	77.9	83 72	71.8	79 64	58.4	68 46	47.3	53 40	40.3	51 35	55.7	84 30

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

ILLINOIS
1980

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * *														
NORTHWEST D1														
HENNEPIN POWER PLANT	EVAP	-	-	-	-	8.85B	6.55B	7.92B	7.00B	5.04B	-	-	-	-
	WIND	-	-	-	-	996	659	836	802	790	1538	-	-	-
	MAX	-	-	-	64.9	82.6	86.9	95.2	94.1	81.8	58.7	-	-	-
	MIN	-	-	-	42.2	53.7	61.6	66.6	68.1	57.6	39.5	-	-	-
* * *														
EAST 05														
URBANA	EVAP	-	-	-	3.51B	4.94B	5.88B	6.75B	5.22B	3.59	-	-	-	-
	DEP	-	-	-	-.28	-.43	-.44	.21	-.75	-1.11	-	-	-	-
	WIND	-	-	-	1806B	1328B	1068	884	883	824	-	-	-	-
	MAX	-	-	-	61.6	78.4	86.6	93.7	90.2	79.5	-	-	-	-
	MIN	-	-	-	38.4	49.3	56.6	65.1	65.3	55.0	-	-	-	-
* * *														
WEST SOUTHWEST 06														
SPRINGFIELD W50 AP	EVAP	-	-	-	-	-	7.57B	9.23	7.15	5.65	4.12B	-	-	-
	WIND	-	-	-	-	-	2142B	2203	2109	1731	1939	-	-	-
	MAX	-	-	-	-	81.4	88.8	93.8	92.5	81.9	65.4	-	-	-
	MIN	-	-	-	-	54.2	62.4	69.4	69.5	59.6	42.4	-	-	-
* * *														
SOUTHWEST 08														
CARLYLE RESERVOIR	EVAP	-	-	-	4.84B	5.99	9.24	9.80	9.41	5.90	4.38B	-	-	-
	WIND	-	-	-	2397	1558	2097	1689	1744	1454	1837	-	-	-
	MAX	-	-	-	63.7	78.3	87.5	95.2	92.7	83.0	65.9	-	-	-
	MIN	-	-	-	41.8	54.8	61.8	69.4	68.3	58.5	43.1	-	-	-

See Reference Notes Following Station Index

STATION INDEX

ILLINOIS
1980

Station	Index No.	Division No.	County	Drainage ‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ALBION	0055	09	EDWARDS	7	38 23	88 03	530	29	68				1 2 3
ALEDO	0072	01	MERCER	4	41 13	90 45	720	79	81				1 2 3
ALEXIS 1 SW	0082	03	WARREN	4	41 04	90 34	673						C
ALTON DAM 26	0137	06	MADISON	4	38 53	90 11	432	30	36				1 2 3
ANNA 1 E	0187	08	UNION	4	37 28	89 14	640	85	97				1 2 3
ANTIOCH 2 NW	0203	02	LAKE	1	42 30	88 08	752	60	60				1 2 3
ARGONNE NATIONAL LAB	0237	02	DU PAGE	1	41 42	87 59	746						C
ASHLEY	0281	08	WASHINGTON	4	38 20	89 12	570						C
AUGUSTA	0330	03	HANCOCK	1	40 14	90 56	680						C
AURORA	0338	02	KANE	1	41 45	88 21	644	100	110				1 2 3
AVON 5 NE	0356	03	FULTON	1	40 43	90 22	640		30				2
BARRINGTON	0442	02	LAKE	1	42 10	88 09	800	18	18				1 2 3
BEARDSTOWN	0492	06	CASS	1	40 01	90 26	450		79				2
BELLEVILLE SO IL U	0510	08	ST CLAIR	2	38 30	89 51	450	57	57				1 2 3 C
BELVIDERE	0583	02	BOONE	6	42 15	88 50	815						C
BENTLEY 1 E	0598	03	HANCOCK	1	40 20	91 06	650		29				2
BENTON FOREST SERVICE	0608	09	FRANKLIN	4	38 02	88 55	445		77				2
BLOOMINGTON WATERWORKS	0761	04	MC LEAN	1	40 30	89 01	775		76				2
BLUFFS	0781	06	SCOTT	1	39 45	90 32	540		40				2
BRADFORD 1 W	0868	04	STARK	5	41 11	89 40	790		1		AUG		2
BROOKPORT DAM 52	0993	09	MASSAC	5	37 08	88 39	330	19	54				1 2 3 H
CAHOKIA	1160	08	ST CLAIR	4	38 34	90 13	400	12	12				1 2 3
CAIRO WSO CI R	1166	08	ALEXANDER	4	37 00	89 10	314	108	109				1 2 3 C
CANTON 1 ESE	1250	03	FULTON	1	40 33	90 01	628		40				2
CARBONDALE SEWAGE PL	1265	08	JACKSON	4	37 44	89 10	390	75	86				1 2 3
CARLINVILLE	1280	06	MACOUPIN	1	39 17	89 52	625	89	89				1 2 3
CARLINVILLE 2	1284	06	MACOUPIN	1	39 17	89 53	621						C
CARLYLE RESERVOIR	1290	08	CLINTON	2	38 38	89 20	501	18	18	18			1 2 34C
CARMI 6 NW	1296	09	WHITE	7	38 10	88 12	390		57				2
CASEY	1329	07	CLARK	7	39 18	87 59	630	1	28		JUN		1 2 3
CENTRALIA	1386	08	MARION	2	38 31	89 07	510		57				2
CHANNAHON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	505		39				2
CHARLESTON	1436	07	COLES	7	39 29	88 10	680	90	100				1 2 3
CHENOA	1475	04	MC LEAN	1	40 44	88 44	710	30	35				1 2 3
CHESTER	1491	08	RANDOLPH	4	37 54	89 50	460		89				2
CHICAGO C WTR FILT PLT	1523	02	COOK	3	41 54	87 36	640					MAR	C
CHICAGO MAYFAIR PUMP	1542	02	COOK	3	41 58	87 45	647					MAR	C
CHICAGO O'HARE WSO AP R	1549	02	COOK	1	41 59	87 54	674	22	22				1 2 3 C
CHICAGO ROSELAND PUMP	1552	02	COOK	3	41 42	87 38	659					MAR	C
CHICAGO S WTR FILT PLT	1564	02	COOK	3	41 45	87 33	611					MAR	C
CHGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 43	600					MAR	C
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	65	109				1 2 3 C
CHGO MIDWAY AP 3 SW R	1577	02	COOK	3	41 44	87 46	620	52	52				1 2 3 C
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 30	510		40				2
CISNE 2 ESE	1664	09	WAYNE	7	38 31	88 24	454						C
CLAY CITY 6 SSE	1700	07	CLAY	7	38 36	88 19	460		34				2
CLINTON 1 SSW	1743	04	DE WITT	1	40 08	88 58	700		70				2
COULTERVILLE 3 NW	1944	08	RANDOLPH	2	38 13	89 39	500		36				2 C
CRETE	2011	02	WILL	3	41 27	87 38	664						C
DANVILLE	2140	05	VERMILION	7	40 08	87 39	558	77	80				1 2 3 C
DANVILLE SEWAGE PLANT	2145	05	VERMILION	7	40 06	87 36	527		31				2
DECATUR	2193	04	MACON	1	39 50	89 01	620	88	92				1 2 3
DE KALB	2223	02	DE KALB	6	41 56	88 46	840	88	99				1 2 3
DIONA 3 SW	2332	07	CUMBERLAND	7	39 21	88 10	615		4				2 C
DIXON 2 W	2348	01	LEE	6	41 50	89 32	640	89	90				1 2 3
DIXON SPRINGS AGR C	2353	09	POPE	5	37 26	88 40	540	14	14				1 2 3 C
DOWNS 2 NE	2417	04	MC LEAN	1	40 25	88 51	794						C
DU QUOIN 4 SE	2483	08	PERRY	4	38 00	89 15	420	88	91				1 2 3
EDELSTEIN	2642	04	PEORIA	1	40 56	89 38	800						C
EDWARDSVILLE 1 NE	2679	06	MADISON	4	38 50	89 57	500		81				2
EFFINGHAM 3 W	2687	07	EFFINGHAM	7	39 08	88 37	601	80	82				1 2 3 C
ELGIN	2736	02	KANE	1	42 02	88 20	880	6	73				1 2 3
FAIRBURY WATERWORKS	2923	05	LIVINGSTON	1	40 44	88 31	690		40				2 C
FAIRFIELD RADIO WFIW	2931	09	WAYNE	7	38 23	88 19	425	86	90				1 2 3
FARMER CITY	2993	04	DE WITT	1	40 15	88 39	730	19	19				1 2 3 C
FLORA 5 NW	3109	07	CLAY	7	38 41	88 34	500	90	106				1 2 3 C
FREEPORT WASTE WTR PLT	3262	01	STEPHENSON	6	42 18	89 36	750	8	39				1 2 3 C
FULTON DAM 13	3290	01	WHITESIDE	4	41 54	90 09	592	38	44				1 2 3 C
GALENA	3312	01	JO DAVIESS	4	42 25	90 26	800		60				2
GALESBURG	3320	03	KNOX	1	40 57	90 23	771	29	85				1 2 3
GALVA	3335	01	HENRY	1	41 10	90 03	855	87	104				1 2 3
GEBHARD WOODS ST PARK	3369	02	GRUNDY	1	41 22	88 28	505	68	68				1 2 3
GENESEO	3384	01	HENRY	6	41 27	90 10	639	24	82				1 2 3
GIBSON CITY 1 E	3413	05	FORD	1	40 28	88 22	655	1	46				1 2 3
GLADSTONE DAM 18	3455	03	HENDERSON	4	40 53	91 02	538		44				2
GOLCONDA DAM 51	3522	09	POPE	5	37 22	88 29	354		99			SEP	2 C
GOLDEN 1 NW	3530	03	ADAMS	1	40 07	91 02	725	18	91				1 2 3
GRAFTON	3572	06	JERSEY	4	38 58	90 27	430		84				2
GRAND TOWER 2 N	3595	08	JACKSON	4	37 40	89 31	367		40				2
GREENFIELD	3666	06	GREENE	1	39 21	90 13	560		36				2 C

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	County	Drainage ‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
GREENUP	3683	07	CUMBERLAND	7	39 15	88 10	540		38				2
GREENVILLE 1 E	3693	06	BOND	2	38 53	89 24	580		97				2
GRIGGSVILLE	3717	06	PIKE	1	39 43	90 44	700	93	98				1 2 3
HARRISBURG	3879	09	SALINE	5	37 45	88 33	380	82	82				1 2 3
HARRISBURG DISPOSAL PL	3884	09	SALINE	5	37 45	88 32	360		76				2 C
HAVANA 4 NNE	3940	04	MASON	1	40 21	90 01	460	88	95				1 2 3
HENNEPIN POWER PLANT	4013	01	PUTNAM	1	41 18	89 19	464	18	18	18			1 2 34
HILLSBORO	4108	06	MONTGOMERY	2	39 09	89 29	630	84	85				1 2 3
HOOPESTON 1 NE	4198	05	VERMILION	7	40 28	87 40	710	78	78				1 2 3 C
HUTSONVILLE POWER PL	4317	07	CRAWFORD	7	39 08	87 40	455		35				2 C
ILLINOIS CITY DAM 16	4355	01	ROCK ISLAND	4	41 25	91 01	554		44				2 C
JACKSONVILLE 2 E	4442	06	MORGAN	1	39 44	90 12	610	86	87				1 2 3 C
JERSEYVILLE 2 SW	4489	06	JERSEY	1	39 06	90 21	630	37	37				1 2 3
JOLIET BRANDON RD DAM	4530	02	WILL	1	41 30	88 06	543	38	89				1 2 3
KANKAKEE WTR POLL CTR	4603	05	KANKAKEE	1	41 08	87 53	642	8	8				1 2 3 C
KASKASKIA R NAV LOCK	4629	08	RANDOLPH	4	37 59	89 57	380	7	7				1 2 3 C
KEITHSBURG	4655	01	MERCER	4	41 06	90 57	550		49				2
KEWANEE 1 E	4710	01	HENRY	1	41 15	89 54	780	41	41				1 2 3 C
KINCAID	4739	06	CHRISTIAN	1	39 35	89 25	600		8				2
LACON 2 E	4805	04	MARSHALL	1	41 01	89 21	614	27	27				1 2 3
LA HARPE	4823	03	HANCOCK	1	40 35	90 58	700	85	85				1 2 3
LANARK	4879	01	CARROLL	4	42 06	89 50	870						C
LAWRENCEVILLE	4957	07	LAWRENCE	7	38 44	87 41	442		38				2
LINCOLN	5079	04	LOGAN	1	40 09	89 22	590	92	92				1 2 3
MACKINAW	5272	04	TAZEWELL	1	40 32	89 22	670		40				2
MACOMB	5280	03	MC DONOUGH	1	40 28	90 40	610		75				2
MARENGO	5326	02	MC HENRY	6	42 15	88 36	820	125	125				1 2 3
MARIETTA	5334	03	FULTON	1	40 30	90 23	640						C
MARION 4 NNE	5342	08	WILLIAMSON	4	37 46	88 54	477	85	85				1 2 3
MAROA 1 W	5364	04	MACON	1	40 02	88 58	720						C
MARSEILLES LOCK	5372	02	LA SALLE	1	41 20	88 45	486		39				2
MASON CITY 1 NW	5413	04	MASON	1	40 13	89 43	585	19	19				1 2 3 C
MATTOON	5430	07	COLES	7	39 28	88 20	718	33	33				1 2 3
MC HENRY LOCK AND DAM	5493	02	MC HENRY	1	42 17	88 14	742		6				2 C
MC LEANSBORO 2 ENE	5515	09	HAMILTON	5	38 06	88 30	480	96	98				1 2 3
MEDORA	5539	06	MACOUPIN	1	39 10	90 08	620		38				2
MINONK	5712	04	WOODFORD	1	40 54	89 03	750	86	86			INAC	1 2 3
MOLINE WSO AP R	5751	01	ROCK ISLAND	6	41 27	90 30	582	47	49				1 2 3 C
MONMOUTH	5768	03	WARREN	4	40 55	90 38	770	87	87				1 2 3
MONTICELLO 2	5792	05	PIATT	1	40 02	88 36	620		17				2
MORRIS	5820	02	GRUNDY	1	41 21	88 26	490		29				2
MORRISON	5833	01	WHITESIDE	6	41 49	89 58	603	84	84				1 2 3
MORRISONVILLE	5841	06	CHRISTIAN	1	39 25	89 28	630						1 2 3 C
MT CARMEL	5888	09	WABASH	7	38 24	87 45	420	105	105				1 2 3 C
MOUNT CARROLL	5901	01	CARROLL	4	42 05	89 59	700	90	90				1 2 3
MOUNT OLIVE 1 E	5917	06	MACOUPIN	4	39 04	89 42	685		50				2
MOUNT PULASKI	5927	04	LOGAN	1	40 01	89 17	635		50				2
MOUNT STERLING	5935	03	BROWN	1	39 59	90 46	720		37				2
MT VERNON 3 NE	5943	09	JEFFERSON	4	38 21	88 52	490	84	85				1 2 3
MOWEAQUA	5950	07	SHELBY	2	39 38	89 02	615	18	18				1 2 3
MURPHYSBORO 2 SW	5983	08	JACKSON	4	37 44	89 22	550						C
NASHVILLE 4 NE	6011	08	WASHINGTON	2	38 23	89 20	515	19	79				1 2 3
NEW BOSTON DAM 17	6080	01	MERCER	4	41 11	91 03	548		44				2
NEWTON 6 SSE	6159	07	JASPER	7	38 55	88 07	510	36	59				1 2 3 C
NOKOMIS	6185	06	MONTGOMERY	2	39 18	89 16	680						C
NORMAL	6200	04	MC LEAN	1	40 31	89 00	785	87	89				1 2 3
OLNEY 2 S	6446	07	RICHLAND	7	38 42	88 04	480	92	93				1 2 3
OREGON	6490	01	OGLE	6	42 00	89 20	690						C
OTTAWA	6526	02	LA SALLE	1	41 21	88 51	480	92	107				1 2 3
PALESTINE	6558	07	CRAWFORD	7	39 00	87 37	515	97	98				1 2 3
PANA	6579	06	CHRISTIAN	2	39 23	89 05	696	90	93				1 2 3
PARIS 1 N	6605	07	EDGAR	7	39 38	87 42	730						C
PARIS WATERWORKS	6610	07	EDGAR	7	39 38	87 42	680	88	90				1 2 3
PARK FOREST	6616	02	COOK	3	41 30	87 41	710	28	28				1 2 3
PAW PAW	6661	01	LEE	1	41 41	88 59	895	19	67				1 2 3
PAYSON	6670	03	ADAMS	4	39 49	91 15	730		32				2
PEORIA WSO AP R	6711	04	PEORIA	1	40 40	89 41	650	40	40				1 2 3 C
PEOTONE	6725	02	WILL	1	41 20	87 48	722		40				2
PERU 2 W	6753	02	LA SALLE	1	41 20	89 09	615	18	18				1 2 3
PETERSBURG 3 SSW	6760	04	MENARD	1	39 58	89 52	600		9				2
PIPER CITY 3 SE	6819	05	FORD	1	40 48	88 08	690	45	68				1 2 3 C
PITTSFIELD 2	6837	06	PIKE	4	39 37	90 48	670						C
PONTIAC	6910	05	LIVINGSTON	1	40 53	88 38	650	81	82				1 2 3
PRAIRIE DU ROCHER 1WSW	6973	08	RANDOLPH	4	38 05	90 07	385		27				2 C
PRINCEVILLE	7004	04	PEORIA	1	40 56	89 46	735	19	51				1 2 3
PROPHETSTOWN	7014	01	WHITESIDE	6	41 40	89 57	610						C
QUINCY FAA AP	7072	03	ADAMS	4	39 56	91 12	763	29	37				1 2 3
QUINCY DAM 21	7077	03	ADAMS	4	39 54	91 26	483	4	44				1 2 3 C
QUINCY MEMORIAL BRIDGE	7082	03	ADAMS	4	39 56	91 25	508		50				2
RANTOUL	7150	05	CHAMPAIGN	7	40 19	88 10	740	29	61				1 2 3 C

See Reference Notes Following Station Index

STATION INDEX

ILLINOIS
1980

Station	Index No.	Division No.	County	Drainage ‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
RED BUD 5 SE	7157	08	RANDOLPH	2	38 10	89 56	428		34				2
REND LAKE DAM	7187	09	FRANKLIN	4	38 02	88 59	455	7	7				1 2 3 C
ROCHELLE	7354	01	OGLE	6	41 54	89 04	775	3	3				1 2 3
ROCKFORD 6 ENE	7377	01	WINNEBAGO	6	42 18	88 59	880		100				2
ROCKFORD WSO AR R	7382	01	WINNEBAGO	6	42 12	89 06	724	30	30				I 2 3 C
ROSICLARE	7487	09	HARDIN	5	37 25	88 21	400	32	38				1 2 3
RUSHVILLE	7551	03	SCHUYLER	1	40 07	90 35	675	87	89				1 2 3
SAINTE MARIE	7603	07	JASRER	7	38 56	88 01	500		34				2
SALEM	7636	07	MARION	2	38 38	88 57	550	22	65				1 2 3
SHAWNEETOWN NEW TOWN	7859	09	GALLATIN	5	37 43	88 11	400		70				2
SHELBYVILLE DAM	7876	07	SHELBY	2	39 24	88 47	655						C
SIDELL	7952	05	VERMILION	7	39 55	87 49	685		35				2
SMITHLAND L & D	8020	09	ROPE	5	37 10	88 26	358		1		OCT		2 C
SRARTA	8147	08	RANDOLRH	4	38 08	89 43	520	93	93				1 2 3 C
SPRINGFIELD WSO AP R	8179	06	SANGAMON	1	39 51	89 41	594	44	44	15			1 2 34C
STOCKTON 1 N	8293	01	JO DAVIESS	4	42 21	90 00	955	33	36				1 2 3
STREATOP 3 SE	8353	02	LIVINGSTON	1	41 06	88 49	610		76				2
SULLIVAN 3 SSW	8389	07	MOULTRIE	2	39 34	88 37	645						C
TISKILWA 2 SE	8604	01	BUREAU	1	41 16	89 28	640	18	96				1 2 3
TUSCOLA	8684	07	DOUGLAS	7	39 48	88 17	653	33	87				1 2 3
URBANA	8740	05	CHAMPAIGN	7	40 06	88 14	743	77	77	34			1 2 34CG
UTICA STARVED ROCK DAM	8756	02	LA SALLE	1	41 19	88 59	464		39				2
VANDALIA 3 ENE	8781	07	FAYETTE	2	38 58	89 03	510	8	11				1 2 3 C
VIRDEN 1 N	8860	06	SANGAMON	1	39 31	89 46	675	33	39				1 2 3
VIRGINIA	8870	06	CASS	1	39 57	90 13	620		18				2
WALNUT	8916	01	BUREAU	6	4I 34	89 35	760	88	88				1 2 3
WASHINGTON 1 WSW	8990	04	TAZEWELL	1	40 42	89 25	730						C
WATERLOO	9002	08	MONROE	4	38 20	90 09	650	19	68				1 2 3
WATERMAN 1 ESE	9010	02	DE KALB	6	41 46	88 45	790						C
WATSEKA 2 NW	9021	05	IROQUOIS	1	40 47	87 46	620	33	89				1 2 3
WAUKEGAN	9029	02	LAKE	3	42 21	87 53	700	57	57				1 2 3
WAYNE CITY 1 N	9040	09	WAYNE	7	38 21	88 35	440		33				2
WENONA	9090	04	MARSHALL	1	41 04	89 04	685						C
WEST SALEM	9193	09	EDWARDS	7	38 31	88 00	445						C
WHEATON 3 SE	9221	02	DU PAGE	1	41 49	88 04	680	31	52				1 2 3
WHITE HALL 1 E	9241	06	GREENE	1	39 26	90 23	578	89	111				1 2 3
WINDSOR	9354	07	SHELBY	2	39 26	88 36	685	80	81				1 2 3
YATES CITY	9816	03	KNOX	1	40 47	90 01	675						C

See Reference Notes Following Station Index

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1980

ILLINOIS

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
* * *														
NORTHWEST 01														
ALEDO	0	0	0	15		188	412	357	143	5	0	0		
DIXON 2 W	0	0	0	6	50	129	294	247	82	0	0	0	808	880
FREEPORT WASTE WTR PLT	0	0	0	9	52	124	313	253	80	0	0	0	831	
FULTON DAM 13	0	0	0	14	61	153	351	316	100	0	0	0	995	902
GALVA	0	0	0	12	67	159	350	339	113	3	0	0	1043	907
GENESEO	0	0	0	14	70	166	407	356	111	3	0	0	1127	
HENNEPIN POWER PLANT	0	0	0	13	64	159	371	344	125	2	0	0	1078	
KEWANEE 1 E	0	0	0	13	56	137	301	302	103	2	0	0	914	936
MOLINE WSO AP	0	0	0	11	65	158	395	343	107	1	0	0	1080	893
MORRISON	0	0	0	9	53	134	316	279	95	0	0	0	886	871
MOUNT CARROLL	0	0	0	6	41	99	264	227	68	0	0	0	705	732
PAW PAW	0	0	0	3	44	111	252	235	87	0	0	0	732	
ROCHELLE	0	0	0	1	62	91	300	246	73	0	0	0	773	
ROCKFORD WSO AP	0	0	0	6	52	117	329	278	80	0	0	0	862	714
STOCKTON 1 N	0	0	0	8	40	99	267	226	67	1	0	0	708	
TISKILWA 2 SE	0	0	0	17		156	381	341	104	5	0			
WALNUT	0	0	0	12	78	162	376							969
* * *														
NORTHEAST 02														
ANTIOCH 2 NW	0	0	0	2	24	69	217	204	47	0	0	0	563	655
AURORA					48	129	330	272		3	0	0		735
8ARRINGTON	0	0	0	5	32	97	281	241	68	0	0	0	724	
CHICAGO O'HARE WSO AP	0	0	0	10	43	101	338	342	107	2	0	0	943	664
CHICAGO UNIVERSITY	0	0	0	9	60	142	373	353	141	13	0	0	1091	826
CHGO MIDWAY AP 3 SW	0	0	0	9		135	353	298	95	4	0	0		925
DE KAL8	0	0	0	13	63	140	356	270	103	6	0	0	951	750
ELGIN	0	0	0	3	40	81	260	227	54	0	0	0	665	
GE8HARD WOODS ST PARK	0	0	0	9	61	152	389	347	90	0	0	0	1048	
JOLIET 8RANDON RD DAM	0	0	0	4	49	134	305	298	88	0	0	0	878	
MARENGO	0	0	0	5	41	106	282	210	51	0	0	0	695	703
OTTAWA	0	0	0	15	95	213	451	434	175	6	0	0	1389	1017
PARK FOREST	0	0	0	3	60	138	345	312	89	6	0	0	953	
PERU 2 W	0	0	0	15	87	187	412	392	149	1	0	0	1243	1060
WAUKEGAN	0	0	0	1	20	53	209	218	46	0	0	0	547	636
WHEATON 3 SE	0	0	0	9	42	128	364	302	111	3	0	0	959	
* * *														
WEST 03														
GALES8URG	0	0	0	6	63	160	405	351	125	2	0	0	1112	
GOLDEN 1 NW	0	0	0	19	90	234	477	419	191	10	1	0	1441	
LA HARPE	0	0	0	18	86	191	467	399	147	8	0	0	1316	1042
MONMOUTH	0	0	0	21	78	181	428	363	130	5	0	0	1206	951
QUINCY FAA AP	0	0	0	18	106	250	580	464	228	4	0	0	1650	
QUINCY DAM 21	0	0	0	14	69	207	469	405	146	2	0	0	1312	
RUSHVILLE	0	0	0	16	89	228	488	404	165	10	0	0	1400	1141
* * *														
CENTRAL 04														
CHENOA	0	0	0	10	65	169	403	347	148	2	0	0	1144	
DECATUR	0	0	0	13	82	207	488	413	181	12	0	0	1396	1197
FARMER CITY	0	0	0	7	69	180	437	391	161	14	0	0	1259	
HAVANA 4 NNE	0	0	0	10	78	199	457	400	146	8	0	0	1298	
LACON 2 E	0	0	0	17	78	177	434	396	164	14	0	0	1280	
LINCOLN	0	0	0	14	91	214	476	397	173	12	0	0	1377	1123
MASON CITY 1 NW	0	0	0	11	72	201	465	392	168	6	0	0	1315	
MINONK	0	0	0											900
NORMAL	0	0	0	17	81	211	475	442	182	16	0	0	1424	
PEORIA WSO AP	0	0	0	6	70	160	425	378	156	1	0	0	1196	968
PRINCEVILLE	0	0	0	13	68	163	403	341	120	4	0	0	1112	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1980 ILLINOIS

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
* * *														
EAST 05														
DANVILLE	0	0	0	8	88	171	458	397	153	14	0	0	1289	997
GIBSON CITY 1 E										7	0	0		
HOOPESTON 1 NE	0	0	0	7	79	162	421	364	137	13	0	0	1183	966
KANKAKEE WTR POLL CTR	0	0	0	5	46	162	368	342	107	3	0	0	1033	
PIPER CITY 3 SE	0	0	0	11	78	179	427	351	143	10	0	0	1199	
PONTIAC	0	0	0	15	84	199	447	387	171	13	0	0	1316	998
RANTOUL	0	0	0	6	71	173	405	383	123	7	0	0	1168	
URBANA	0	0	0	9	83	162	431	358	134	12	0	0	1189	1022
WATSEKA 2 NW	0	0	0	5	61	142	365	347	115	6	0	0	1041	
* * *														
WEST SOUTHWEST 06														
ALTON DAM 26	0	0	0	13	93	286	560	502	204	11	0	0	1669	
CARLINVILLE	0	0	0	15	90	267	510	463	199	13	2	0	1559	1218
GRIGGSVILLE	0	0	0	19	86	228	520	456	186	16	2	0	1513	1259
HILLSBORO	0	0	0	19	111	309	540	476	192	16	1	0	1664	1219
JACKSONVILLE 2 E	0	0	0	10	54	162	376	360	144	7	0	0	1113	1181
JERSEYVILLE 2 SW	0	0	0	9	55	223	464	422	180	7	0	0	1360	
MORRISONVILLE	0	0	0	8	68	209	420	393	163	9	0	0	1270	
PANA	0	0	0	8	77	217	450	394	167	11	0	0	1324	1193
SPRINGFIELD WSO AP	0	0	0	10	88	228	515	452	169	20	0	0	1482	1116
VIRDEN 1 N	0	0	0	13	80	270	492	438	194	21	0	0	1508	
WHITE HALL 1 E	0	0	0	17	90	278	537	480	207	15	0	0	1624	1213
* * *														
EAST SOUTHEAST 07														
CASEY							441	376	166	13	0	0		
CHARLESTON	0	0	0	16	77	223	480	414	170	19	0	0	1399	1242
EFFINGHAM 3 W	0	0	0	8	49	186	405	352	122	6	0	0	1128	1198
FLORA 5 NW	0	0	0	9	79	257	515	489	227	27	1	0	1604	1286
MATTOON	0	0	0	9	85	210	444	405	157	14	0	0	1324	
MOWEAQUA	0	0	0	8	82	219	454	413	192	16	0	0	1384	
NEWTON 6 SSE	0	0	0	9	74	226	438	403	170	21	0	0	1341	
OLNEY 2 S	0	0	0	6	92	275	491	465	228	27	0	0	1584	1312
PALESTINE	0	0	0	10	93	236	492	436	210	18	0	0	1495	1312
PARIS WATERWORKS	0	0	0	6	68	198	446	395	169	14	0	0	1296	1151
SALEM	0	0	0	11	110	301	532	483	235	31	3	0	1706	
TUSCOLA	0	0	0	16	100	224	466	414	179	20	0	0	1419	
VANDALIA 3 ENE							496	503	197	22	0	0		
WINDSOR	0	0	0	9	85	231	479	447	192	23	0	0	1466	1139
* * *														
SOUTHWEST 08														
ANNA 1 E	0	0	0	23	125	317	559	547	299	31	3	0	1904	1411
BELLEVILLE SO IL U	0	0	0	9	82	268	523	491	229	19	1	0	1622	
CAHOKIA	0	0				280	594	519	247		0			
CAIRO WSO CI	0	0	0	29	174	393	652	569	309	53	3	0	2182	1806
CARBONDALE SEWAGE PL	0	0	0	11	80	276	513	491	224	25	0	0	1620	1433
CARLYLE RESERVOIR	0	0	0	10	83	300	529	508	209	25	0	0	1664	1377
DU QUOIN 4 SE	0	0	0	16	98	287	536	490	211	27	0	0	1665	1407
KASKASKIA R NAV LOCK	0	0	0	13	96	269	576	533	234	27	0	0	1748	
MARION 4 NNE	0	0	0	13	68	264	519	512	239		1	0		
NASHVILLE 4 NE	0	0	0	16	108	311	586	545	243	33	2	0	1844	
SPARTA	0	0	0	21	121	338	595	555	261	43	3	0	1937	1506
WATERLOO	0	0	0	20	94	303	556	519	255	33	0	0	1780	
* * *														
SOUTHEAST 09														
ALBION	0	0	0	26	161	351	589	576	305	50	3	0	2061	
BROOKPORT DAM 52	0	0	0	8	103	328	556	525	297	42	0	0	1859	
DIXON SPRINGS AGR C	0	0	0	16	94	308	538	551	280	40	3	0	1830	
FAIRFIELD RADIO WFIW	0	0	0	15	102	274	517	500	249	28	1	0	1686	1323
HARRISBURG	0	0	0	16	130	334	586	602	283	50	2	0	2003	1531

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1980

ILLINOIS

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
MC LEANSBORO 2 ENE	0	0	0	16	94	251	485	484	246	27	0	0	1603	1458
MT CARMEL	0	0	0	6	83	247	497	508	228	33	0	0	1602	
MT VERNON 3 NE	0	0	0	13	83	256	486	489	213	13	0	0	1553	1398
REND LAKE DAM	0	0	0	18	107	275	524	518	254	28	0	0	1724	
ROSICLARE	0	0	0	11	85	270	486	480	253	25	1	0	1611	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 1D to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective witb data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

DAILY SOIL TEMPERATURES TABLES: Included are all soil temperature stations with any data published for the calendar year whether or not [illegible] the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and [illegible]

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.

+ Also on earlier date (dates) or months.

* Amount included in following measurement.

// Gage is equipped with a windshield.

B Adjusted to a full month.

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, tbe reference indicates that the thermometers are exposed in a shelter located on tbe roof of a building.

C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in tbe annual issue of Hourly Precipitation Data.

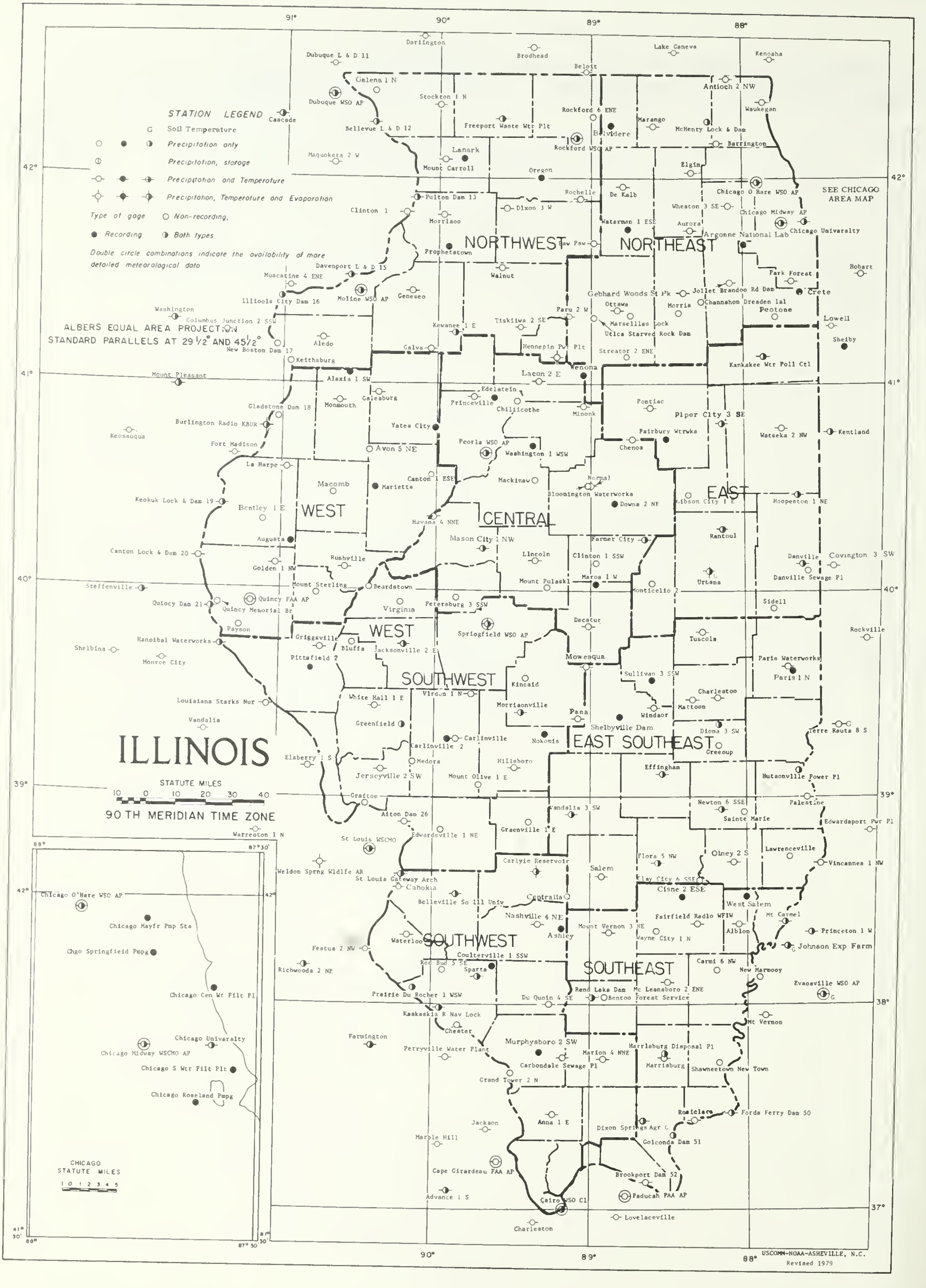
G Soil temperatures publisbed.

Years of record as shown in tbe Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for tbis State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.0[illegible] foreign; 45c single copy; $1.0[illegible] foreign; 45c annual summary; $1.[illegible] foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 288[illegible]1
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1981-1340


ILLINOIS
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°
STATUTE MILES
10 0 10 20 30 40
90 TH MERIDIAN TIME ZONE
SEE CHICAGO AREA MAP
91°
90°
89°
88°
42°
41°
40°
39°
38°
37°
NORTHWEST
NORTHEAST
WEST
CENTRAL
EAST
WEST SOUTHWEST
EAST SOUTHEAST
SOUTHWEST
SOUTHEAST
Darlington
Brodhead
Lake Geneva
Kenosha
Dubuque L & D 11
Beloit
Galena 1 N
Antioch 2 NW
Dubuque WSO AP
Stockton 1 N
Waukegan
Cascade
Rockford 6 ENE
Marengo
Bellevue L & D 12
Freeport Waste Wtr Plt
Belvidere
McHenry Lock & Dam
Rockford WSO AP
Barrington
Lanark
Maquoketa 2 W
Mount Carroll
Elgin
Oregon
Rochelle
De Kalb
Chicago O Hare WSO AP
Fulton Dam 13
Clinton 1
Dixon 3 W
Wheaton 3 SE
Morrison
Aurora
Chicago Midway AP
Waterman 1 ESE
Chicago University
Argonne National Lab
Prophetstown
Paw Paw
Hobart
Davenport L & D 15
Walnut
Park Forest
Muscatine 4 ENE
Joliet Brandon Rd Dam
Crete
Moline WSO AP
Geneseo
Gebhard Woods St Pk
Illinois City Dam 16
Ottawa
Morris
Channahon Dresden Isl
Peotone
Washington
Peru 2 W
Marseilles Lock
Lowell
Columbus Junction 2 SSW
Tiskilwa 2 SE
Kewanee 1 E
Utica Starved Rock Dam
Shelby
Aledo
New Boston Dam 17
Galva
Hennepin Pwr Plt
Streator 2 ENE
Keithsburg
Kankakee Wtr Poll Ctl
Wenona
Lacon 2 E
Mount Pleasant
Alexis 1 SW
Edelstein
Galesburg
Princeville
Chillicothe
Monmouth
Minonk
Pontiac
Gladstone Dam 18
Piper City 3 SE
Yates City
Keosauqua
Burlington Radio KBUR
Fairbury Wtrwks
Watseka 2 NW
Kentland
Peoria WSO AP
Chenoa
Fort Madison
Avon 5 NE
Washington 1 WSW
La Harpe
Normal
Canton 1 ESE
Mackinaw
Macomb
Marietta
Bloomington Waterworks
Keokuk Lock & Dam 19
Gibson City 1 E
Hoopeston 1 NE
Downs 2 NE
Bentley 1 E
Havana 4 NNE
Rantoul
Augusta
Mason City 1 NW
Farmer City
Canton Lock & Dam 20
Lincoln
Danville
Covington 3 SW
Rushville
Clinton 1 SSW
Golden 1 NW
Urbana
Danville Sewage Pl
Maroa 1 W
Mount Pulaski
Steffenville
Mount Sterling
Beardstown
Monticello 2
Quincy FAA AP
Quincy Dam 21
Quincy Memorial Br
Petersburg 3 SSW
Sidell
Virginia
Decatur
Payson
Springfield WSO AP
Rockville
Griggsville
Tuscola
Hannibal Waterworks
Bluffs
Jacksonville 2 E
Shelbina
Moweaqua
Paris Waterworks
Monroe City
Pittsfield 2
Paris 1 N
Sullivan 3 SSW
Kincaid
Charleston
Louisiana Starks Nur
White Hall 1 E
Virden 1 N
Windsor
Morrisonville
Mattoon
Pana
Vandalia
Greenfield
Shelbyville Dam
Diona 3 SW
Terre Haute 8 S
Carlinville
Nokomis
Carlinville 2
Greenup
Elsberry 1 S
Medora
Hillsboro
Effingham
Jerseyville 2 SW
Mount Olive 1 E
Hutsonville Power Pl
Grafton
Newton 6 SSE
Palestine
Vandalia 3 SW
Alton Dam 26
Sainte Marie
Edwardsport Pwr Pl
Warrenton 1 N
Greenville 1 E
Edwardsville 1 NE
St Louis WSCMO
Olney 2 S
Lawrenceville
Flora 5 NW
Carlyle Reservoir
Vincennes 1 NW
Weldon Sprng Wldlfe AR
Salem
St Louis Gateway Arch
Clay City 6 SSE
Cahokia
Cisne 2 ESE
Centralia
West Salem
Belleville So Ill Univ
Nashville 4 NE
Mt Carmel
Fairfield Radio WFIW
Ashley
Mount Vernon 3 NE
Albion
Princeton 1 W
Waterloo
Festus 2 NW
Wayne City 1 N
Johnson Exp Farm
Coulterville 1 SSW
Red Bud 5 SE
Carmi 6 NW
Sparta
New Harmony
Richwoods 2 NE
Evansville WSO AP
Rend Lake Dam
Mc Leansboro 2 ENE
Prairie Du Rocher 1 WSW
Du Quoin 4 SE
Benton Forest Service
Kaskaskia R Nav Lock
Mt Vernon
Chester
Farmington
Murphysboro 2 SW
Harrisburg Disposal Pl
Perryville Water Plant
Marion 4 NNE
Carbondale Sewage Pl
Harrisburg
Shawneetown New Town
Grand Tower 2 N
Rosiclare
Fords Ferry Dam 50
Anna 1 E
Jackson
Dixon Springs Agr C
Golconda Dam 51
Marble Hill
Cape Girardeau FAA AP
Brookport Dam 52
Advance 1 S
Cairo WSO CI
Paducah FAA AP
Lovelaceville
Charleston
88°
87°30'
42°
Chicago O'Hare WSO AP
Chicago Mayfr Pmp Sta
Chgo Springfield Pmpg
Chicago Cen Wt Filt Pl
Chicago University
Chicago Midway WSCMO AP
Chicago S Wtr Filt Plt
Chicago Roseland Pmpg
CHICAGO STATUTE MILES
0 1 2 3 4 5
41° 30'
USCOMM-NOAA-ASHEVILLE, N.C.
Revised 1979

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS
BULK RATE

VOLUME 1

CLEMSON UNIVERSITY LIBRARY
JUL 27 1981
SCI., TECH. & AGR. DIV.

NUMBER 1

SUPPLEMENTAL
CLIMATOLOGICAL DATA
LATE REPORTS AND CORRECTIONS

DEPARTMENT OF COMMERCE • UNITED STATES OF AMERICA

ILLINOIS

1980
AND PRIOR YEARS

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation										
										No. of Days								Snow, Sleet			No. of Days			
										Max.		Min.												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Heating Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	Cooling Degree Days
* * * FEBRUARY 1980																								
PERU 2 W	29.2	13.2	21.2	- 6.6	42	21+	- 7	17+	1264	0	23	27	9	.51	- .92	.16	22				2	0	0	0
* * * MAY 1980																								
PERU 2 W	77.9	50.9	64.4	2.5	90	29	36	8	97	1	0	0	0	2.97	- .74	.90	18	.0	0		8	2	0	87
* * * JANUARY 1980																								
MT VERNON 3 NE	41.4	23.4M	32.4M	.3	61	16	9	31	1010	0	6	29	0	1.39	- 1.36	.70	11	3.5	4	30	3	2	0	0
* * * APRIL 1980																								
CHGO MIDWAY AR 3 SW //R	56.4	37.5	47.0	- 2.9	91	22	27	16	543	1	0	11	0	2.93	- .82	.51	8	2.8	2	14	12	1	0	9
* * * JUNE 1980																								
CAHOKIA	87.9	59.9M	73.9M		97	28	42	12+	7	14	0	0	0					.0	0				0	280
* * * JULY 1980																								
MT VERNON 3 NE	92.7	68.1	80.4	2.4	103	16	54	24	0	23	0	0	0	3.55	- .34	.88	3	.0	0		7	4	0	486
RENO LAKE DAM	93.2	70.2	81.7		104	16	62	1	0	24	0	0	0	4.44		2.30	3	.0	0		6	2	1	524
* * * SERTEMBER 1980																								
TISKILWA 2 SE	78.2M	53.4	65.8M		89	8	39	26	80	0	0	0	0	4.43	1.06	2.36	1	.0	0		7	2	1	104
* * * OCTOBER 1980																								
MT VERNON 3 NE	67.6	39.3	53.5	- 5.3	88	9	20	30	363	0	0	9	0	3.44	.65	1.50	17	.0	0		7	3	1	13
RENO LAKE DAM	68.1	41.7	54.9		88	9	27	30+	332	0	0	7	0	2.87		1.27	17	.0	0		4	2	1	28
* * * NOVEMBER 1980																								
CHGO MIDWAY AP 3 SW //R	49.2	32.7	41.0	.6	68	3	18	26	714	0	0	18	0	1.28	- .92	.63	27	4.3	2	28+	5	1	0	0
TISKILWA 2 SE	50.9M	31.4M	41.2M		69	6	15	26	706	0	0	20	0	.61	- 1.28	.25	14	2.0	2	27	3	0	0	0
* * * DECEMBER 1980																								
AURORA	35.0	19.8	27.4	1.1	60	6	- 7	25	1159	0	13	28	2	2.49	.49	.90	8	4.9	3	29	5	2	0	0
WALNUT	M	M	M				-10	25		0	12	29	3									0	0	

DAILY PRECIPITA TION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																
NOVEMBER 1979																																
WAYNE CITY 1 N	5.35	.18								1.10	.22												1.65	.62			1.30		.28			
• • •																																
FEBRUARY 1980																																
BLUFFS	.96					.30										.50							.03			.13						
PERU 2 W	.51					.07	T			.02					.02	.03						.14	.16			.04			.03	T		
• • •																																
MAY 1980																																
PERU 2 W	2.97								T				.30			T	T	.22	.90	.12					.08	.16			.10	.80	.09	.20
• • •																																
JANUARY 1980																																
MT VERNON 3 NE	1.39			T				.08				.70					.10													.01	.50	
• • •																																
APRIL 1980																																
CHGO MIDWAY AP 3 SW //R	2.93	.13	.10	.15	.01		T	.26	.51	.18	.01	.43	.03		.49	.13									T			.26	.12	.12	T	
• • •																																
JUNE 1980																																
CAHOKIA	–	T	T														T				T			–	–						.06	
• • •																																
JULY 1980																																
MT VERNON 3 NE	3.55			.88	.59	.45	.12					.61										.73							.17			
RENO LAKE DAM	4.44			2.30	.88	T						.18											.21					.44	.43			
• • •																																
SEPTEMBER 1980																																
TISKILWA 2 SE	4.43	2.36			.45		.01	.41				T	.21	.23			.51				.10	.08	.07									
• • •																																
OCTOBER 1980																																
MT VERNON 3 NE	3.44		.04		.25	.10												1.50	.15						.10			.56	.72	.02		
RENO LAKE DAM	2.87			.02	.04	.01												1.27	.29						.07	.44		.05	.66	.02		
• • •																																
NOVEMBER 1980																																
CHGO MIDWAY AP 3 SW //R	1.28			.06					T				T	.13	.10			.01	.01					.10	.04			.63	.20	T		
TISKILWA 2 SE	.61			T											.25									.22				.14	T	T		
• • •																																
DECEMBER 1980																																
AURORA	2.49		.63	.05	.06	.01		.03	.90	.13	.06		.01					T		.03					.17		.01	T		.39		.01
WALNUT	–	–	–	–	–	–	–	–	–	–	–									T					.15	T	T			T	T	

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *	MAX																																
	MIN																																
FEBRUARY 1980	MAX																																
	MIN																																
PERU 2 W	MAX	17	23	23	29	27	31	28	30	26	24	18	24	30	32	30	28	20	24	36	42	42	40	39	39	30	32	30	29	23			29.2
	MIN	-7	-1	-4	0	20	23	14	24	20	-1	3	0	9	25	22	10	-7	-5	20	26	33	34	32	30	20	0	20	20	2			13.2
* * *	MAX																																
	MIN																																
MAY 1980	MAX																																
	MIN																																
PERU 2 W	MAX	65	75	85	87	89	89	87	75	67	70	71	71	74	72	75	64	62	64	69	76	82	79	78	78	87	85	87	88	90	88	86	77.9
	MIN	44	44	49	50	49	48	41	36	38	51	50	49	40	41	50	49	53	53	53	46	52	58	58	58	61	54	47	63	65	64	63	50.9
* * *	MAX																																
	MIN																																
JANUARY 1980	MAX																																
	MIN																																
MT VERNON 3 NE	MAX	42	35	34	34	45	46	45	29	34	52	60	42	42	53	52	61	57	52	43	36	38	40	42	47	52	47	30	25	28	20	19	41.4
	MIN	30	30	29	30			14	16	19	19	20	20	21	28	37	50	27	27	23	31	20	30			15	25	17	18	13	14	9	23.4
* * *	MAX																																
	MIN																																
APRIL 1980	MAX																																
	MIN																																
CHGO MIDWAY AP 3 SW	MAX	50	49	60	50	61	67	72	58	41	41	42	48	48	38	48	46	60	73	74	75	81	91	74	46	48	47	46	46	56	57		56.4
	MIN	31	39	39	35	31	43	50	41	34	32	31	32	26	32	33	27	30	35	43	47	43	57	42	32	35	32	43	42	44	43		37.5
* * *	MAX																																
	MIN																																
JUNE 1980	MAX																																
	MIN																																
CAHOKIA	MAX	91	90	89	84	89	93	74	87	94	81	65	80	75	96	95	87	83	84	89	90	87	90	82	92	92	93	90	97	87	92		87.9
	MIN				60	60	64	64	65	49	62	42	42		59		55	47	63	62	50	60	59	60	70	73	70	70	72				59.9
* * *	MAX																																
	MIN																																
JULY 1980	MAX																																
	MIN																																
MT VERNON 3 NE	MAX	85	95	96	82	94	95	95	99	100	99	93	97	100	92	96	103	100	94	94	97	97	91	66	85	80	82	83	92	85	93	93	92.7
	MIN	66	73	69	69	74	70	68	74	81	75	72	77	74	70	77	82	68	61	64	59	74	69	63	54	59	59	59	65	59	58	68	68.1
REND LAKE DAM	MAX	85	96	95	82	94	96	92	97	99	98	93	98	101	91	98	104	101	93	95	100	96	91	88	85	85	91	93	80	83	93	95	93.2
	MIN	62	68	70	70	74	76	72	74	77	71	70	73	75	74	75	78	71	65	69	73	75	69	66	66	67	63	67	65	64	65	70	70.2
* * *	MAX																																
	MIN																																
SEPTEMBER 1980	MAX																																
	MIN																																
TISKILWA 2 SE	MAX		80	85	80	82	87	83	89	84	75	80	80	84	72	68	78	67	77	81	88	84	83	82	72	71	62	68	68	78	81		78.2
	MIN	64	60	57	63	58	59	62	63	68	46	46	59	65	60	55	50	45	43	51	63	64	53	42	40	47	39	42	47	44	46		53.4
* * *	MAX																																
	MIN																																
OCTOBER 1980	MAX																																
	MIN																																
MT VERNON 3 NE	MAX	62	84	74	55	54	60	68	79	88	85	81	64	65	80	81	80	82	67	62	55	71	71	74	72	57	52	51	52	47	48	55	67.6
	MIN	55	49	46	36	29	27	31	54	46	51	48	35	30	40	45	49	45	41	44	34	37	47	47	52	33	23	29	37	25	20	31	39.3
RENO LAKE DAM	MAX	79	84	76	56	53	54	68	80	88	84	84	66	61	69	79	81	83	66	65	57	73	78	77	78	57	55	52	58	48	48	55	68.1
	MIN	55	50	45	41	36	31	32	52	56	56	48	36	32	37	39	51	62	47	40	38	41	46	46	53	34	28	36	40	27	27	32	41.7
* * *	MAX																																
	MIN																																
NOVEMBER 1980	MAX																																
	MIN																																
CHGO MIDWAY AR 3 SW	MAX	52	54	68	55	52	67	63	61	63	43	44	52	62	46	43	40	41	43	47	51	43	56	43	41	42	40	37	35	41	52		49.2
	MIN	31	27	48	41	31	33	43	43	43	30	28	36	45	36	34	30	30	26	24	28	29	30	38	33	24	16	32	31	30	30		32.7
TISKILWA 2 SE	MAX	51	62	60	56	55	69	67	61	65	55	46	58	62	46	39	43	40	40	48	51	52	52	43		38	36	35	38	46	61		50.9
	MIN	31	37	43	41	30	30	42	38	47	30	23	36	45	35	27	21	26	23	25	26	26	29	38		20	15	31	32	31	32		31.4
* * *	MAX																																
	MIN																																
DECEMBER 1980	MAX																																
	MIN																																
AURORA	MAX	52	38	30	38	52	60	58	49	32	30	25	45	36	43	36	32	37	36	16	12	24	30	38	31	14	22	30	34	36	33	34	35.0
	MIN	30	11	8	21	34	44	47	30	25	16	13	22	22	22	22	26	25	16	1	-1	5	18	28	1	-7	12	17	19	30	27	28	19.8
WALNUT	MAX											25	31	46	28	34	36	35	38	34	10	14	23	33	38	28	20	22	33	36	39	34	
	MIN											17	18	23	22	22	23	22	26	2	0	1	12	17	17	-10	-6	3	9	30	28	28	
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * JANUARY 1980																																
MT VERNON 3 NE	SNOWFALL			T																											3.5	
	SN ON GND																														4	3
* * * APRIL 1980																																
CHGO MIDWAY AP 3 SW //R	SNOWFALL								T	T	T				2.3	.5									T							
	SN ON GND														2	T																
	WTR EQUIV																															
* * * NOVEMBER 1980																																
CHGO MIDWAY AP 3 SW //R	SNOWFALL																	.1	T									3.2	1.0	T		
	SN ON GND																	T										2	2	1		
	WTR EQUIV																															
* * * DECEMBER 1980																																
AURORA	SNOWFALL										.6		.1							.3					2.0		.2	T		1.5		.2
	SN ON GND										1	1	T							T	T	T	T	T	2	2	1	1	1	3	1	1
WALNUT	SNOWFALL	-	-	-	-	-	-	-	-	-	-									T					1.5	T	T			T	T	
	SN ON GND	-	-	-	-	-	-	-	-	-	-														2	T	T			T	T	

See Reference Notes Following Station Index

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Geneseo	Total precipitation D1.07, departure from normal -.48, number of days with precipitation .10 or more 4.
January 1980	Daily Precipitation	Northwest 01	Geneseo	Total D1.07, amount on 31st 0.13.
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Division	Average precipitation 1.07, departure from normal -.56.
February 1980	Supplemental Data		Cairo WSO	Percent of possible sunshine 37.
February 1980	Supplemental Data		Springfield WSO AP	Percent of possible sunshine 37.
July 1979	Monthly Summarized Station and Divisional Data	East 05	Urbana	Total precipitation 8.75. Departure from normal 4.86. Greatest day of precipitation 3.44, date 30th. Number of days with precipitation .10 or more 10; .50 or more 3.
July 1979	Daily Precipitation	East 05	Urbana	Total 8.75. Amount on 3d .17; 4th .13; 8th .20; 9th .00; 12th .02; 13th .06; 14th 1.41; 15th .00; 23d .12; 24th .40; 25th 2.18; 26th .00; 27th .22; 28th .05; 29th .02; 30th 3.44; 31st .33.
July 1979	Monthly Summarized Station and Divisional Data	East 05	Division	Average precipitation 7.07. Departure from normal 3.06.
August 1979	Monthly Summarized Station and Divisional Data	East 05	Urbana	Total precipitation 4.80. Departure from normal 1.83. Greatest day of precipitation 1.16, date 1st. Number of days with precipitation .10 or more 7; .50 or more 5; 1.00 or more 1.
August 1979	Daily Precipitation	East 05	Urbana	Total 4.80. Amount on 1st 1.16; 2d .00; 5th T; 6th .00; 10th T; 11th .00; 18th .91; 19th .25; 20th .84; 21st .60; 22d .17; 23d .87; 24th .00.
August 1979	Monthly Summarized Station and Divisional Data	East 05	Division	Average precipitation 6.40. Departure form normal 3.50.
September 1979	Monthly Summarized Station and Divisional Data	East 05	Urbana	Total precipitation .53. Departure from normal -2.45. Greatest day of precipitation .52, date 29th.
September 1979	Daily Precipitation	East 05	Urbana	Total .53. Amount on 1st .01; 2d .00; 29th .52; 30th .00.
October 1979	Monthly Summarized Station and Divisional Data	East 05	Urbana	Total precipitation 1.96. Departure from normal -.97. Greatest day of precipitation .48, date 22d. Total snowfall T. Number of days with precipitation .10 or more 4.
October 1979	Daily Precipitation	East 05	Urbana	Total 1.96. Amount on 1st .38; 2d .07; 4th .00; 5th .03; 6th T; 7th .00; 9th .08; 10th .00; 11th .09; 12th .00; 16th .32; 17th .03; 18th .03; 19th T; 20th .00; 22d .48; 23d T; 24th .00; 25th T; 26th .00; 27th T; 28th .00; 31st .43.
October 1979	Snowfall and Snow on Ground	East 05	Urbana	Snowfall on 25th T.
October 1979	Monthly Summarized Station and Divisional Data	East 05	Division	Average precipitation 1.53. Departure from normal -1.28.
December 1979	Monthly Summarized Station and Divisional Data	West 03	Monmouth	Total snowfall T.
December 1979	Snowfall and Snow on Ground	West 03	Monmouth	Snowfall on 12th 0.
Annual 1979	Total Precipitation and Departures from Normal	East 05	Urbana	Total, Departures: July 8.75, 4.86; August 4.80, 1.83; September .53, -2.45; October 1.96, -.97; Annual 38.15, .73.
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Aledo	Total snowfall 3.4.
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Mount Carroll	Total snowfall 4.0.
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Paw Paw	Total snowfall 4.5.
January 1980	Snowfall and Snow on Ground	Northwest 01	Paw Paw	Snowfall on 31st 0.5.
January 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Division	Average snowfall 3.4.
March 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Paw Paw	Total snowfall 4.0.
March 1980	Snowfall and Snow on Ground	Northwest 01	Paw Paw	Snowfall on 13th 0.5.
March 1980	Monthly Summarized Station and Divisional Data	Northwest 01	Division	Average snowfall 5.4.
March 1980	Monthly Summarized Station and Divisional Data	Central 04	Princeville	Total snowfall 5.6.
March 1980	Monthly Summarized Station and Divisional Data	Central 04	Division	Average snowfall 4.6.
April 1980	Monthly Summarized Station and Divisional Data	East 05	Urbana	Greatest day of precipitation .80, date 8th. Total snowfall 4.9. Maximum depth of snow on on ground 1, date 14th.
April 1980	Daily Precipitation	East 05	Urbana	Amount on 3d .25; 4th T; 5th .00; 6th T; 7th .05; 8th .80; 9th .10; 10th .00; 11th T; 13th .13; 14th .68; 15th .04; 16th .00; 17th T; 18th .00; 27th .12; 28th .14; 29th .08; 30th T.
April 1980	Snowfall and Snow on Ground	East 05	Urbana	Snowfall on 13th 1.2; 14th 3.4; 15th .3. Snow on the ground on 14th 1; 15th T.
April 1980	Monthly Summarized Station and Divisional Data	East 05	Division	Average snowfall 2.5.
June 1980	Daily Precipitation	East 05	Urbana	Amount on 1st .79; 2d 1.96; 3d .03; 4th T; 5th .00; 7th T; 8th .00; 9th T; 10th .00; 14th T; 15th .66; 16th .00; 19th .01; 20th .00; 23d .96; 24th .00.
June 1980	Monthly Summarized Station and Divisional Data	East 05	Urbana	Greatest day of precipitation 1.96, date 2d. Number of days with precipitation .10 or more 4; 1.00 or more 1.
June 1980	Monthly Summarized Station and Divisional Data	Southwest 08	Belleville So IL Univ	Average minimum 59.2M. Average Temperature 73.3M.
June 1980	Daily Temperatures	Southwest 08	Belleville So IL Univ	Minimum on 9th missing. Average minimum 59.2.
July 1980	Total Snowfall and Number of Days With One Inch or More on Ground	Northwest 01	Paw Paw	Snowfall January 4.5; March 4.0. Total 32.5.

See Reference Notes Following Station Index

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N C 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, reapectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer montha some observera take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Urbana	: Flanagan silt loam	Bluegrass sod	5% to SE

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
ǂ	Extreme occurred at station with incomplete data which may have been exceeded.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observations made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: $5.85 per year for each section including annual summary; $13.00 foreign; 45¢ single copy; $1.00 foreign; 45¢ annual summary; $1.00 foreign. There is a minimum charge of $3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N C. 28801.
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C 1981-124

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N C 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

THIRD CLASS

BULK RATE